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## THE ENGLISH MINISTRY OF HEALTH.

The English Ministry of Health Act went into effect July 1, 1919, and the powers and duties of the Local Government Board and the National Insurance Commissioners were brought together in the new department—the Ministry of Health. Those powers and duties not immediately concerned with the health of the people will later be transferred to other Government departments.

The Local Government Board, created nearly 50 years ago, was primarily designed to supervise the administration of the Poor Law, local government, and, incidentally, sanitary matters. While it was early the intention to make the Local Government Board the central authority in all that pertained to preventive medicine—in fact, to make it a ministry of health—the public health was something vague and shadowy in those days and the medical officer had to bow before the laymen then in office, and the Poor Law took precedence over public health.

In 1872—the year after inception of the board—a public health act was passed dividing the country into sanitary districts, and three years later the public health act was passed which consolidated the existing public health laws and formed the foundation stone of the service which administered the health functions of the country. Later, other health acts were passed extending the public health laws and representing definite advances toward the intimate matters of public health. Although hampered by the nature of its constitution, the board, nevertheless, proved itself a very live and active factor in shaping the course of public health, and it has left a worthy record of achievement to pass on to its successor—the Ministry of Health.

### The English Ministry of Health Act.

CHAPTER 21.—An Act to establish a Ministry of Health to exercise in England and Wales powers with respect to Health and Local Government, and confer upon the Chief Secretary certain powers with respect to Health in Ireland, and for purposes connected therewith.

Be it enacted by the King's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:

1. *Establishment of Minister.*—For the purpose of promoting the health of the people throughout England and Wales, and for the purpose of the exercise of the powers transferred or conferred by this Act, it shall be lawful for His Majesty to appoint a Minister of Health (hereinafter called "the Minister"), who shall hold office during his Majesty's pleasure.

2. *General powers and duties of Minister in relation to health.*—It shall be the duty of the Minister, in the exercise and performance of any powers and duties transferred to or conferred upon him by or in pursuance of this Act, to take all such steps as may be desirable to secure the preparation, effective carrying out, and coordination of measures conducive to the health of the people, including measures for the prevention and cure of diseases, the avoidance of fraud in connection with alleged remedies therefor, the treatment of physical and mental defects, the treatment and care of the blind, the initiation and direction of research, the collection, preparation, publication, and dissemination of information and statistics relating thereto, and the training of persons for health services.

3. *Transfer of powers and duties to and from Minister.*—(1) There shall be transferred to the Minister—

- (a) all the powers and duties of the Local Government Board;
- (b) all the powers and duties of the Insurance Commissioners and the Welsh Insurance Commissioners;
- (c) all the powers of the Board of Education with respect to attending to the health of expectant mothers and nursing mothers and of children who have not attained the age of five years and are not in attendance at schools recognized by the Board of Education;
- (d) all the powers and duties of the Board of Education with respect to the medical inspection and treatment of children and young persons under paragraph (b) of subsection (1) of section thirteen of the Education (Administrative Provisions) Act, 1907, as amended and extended by the Education Act, 1918; Provided that, for the purpose of facilitating the effective exercise and performance of these powers and duties, the Minister may make arrangements with the Board of Education respecting the submission and approval of schemes of local education authorities and the payment of grants to local education authorities, so far as such schemes and payment relate to or are in respect of medical inspection

and treatment; and the powers and duties of the Minister may under any such arrangements be exercised and performed by the Board on his behalf and with his authority under such conditions as he may think fit;

- (e) all the powers of the Privy Council and of the Lord President of the Council under the Midwives Acts, 1902 and 1918;
- (f) such powers of supervising the administration of Part I of the Children Act, 1908 (which relates to infant life protection), as have heretofore been exercised by the Secretary of State:

Provided that—

- (i) the power conferred on the Insurance Commissioners by the proviso to subsection (2) of section sixteen of the National Insurance Act, 1911, of retaining and applying for the purposes of research such sums as are therein mentioned shall not be transferred to the Minister, but the duties heretofore performed by the Medical Research Committee shall after the date of commencement of this Act be carried on by or under the direction of a committee of the Privy Council appointed by His Majesty for that purpose, and any property held for the purposes of the former Committee shall after that date be transferred to and vested in such persons as the body by whom such duties as aforesaid are carried on may appoint, and be held by them for the purposes of that body; and
  - (ii) in such matters of a judicial nature under the National Insurance (Health) Acts, 1911 to 1918, as may be prescribed under those Acts, the powers and duties of the Insurance Commissioners and the Welsh Insurance Commissioners by this Act transferred to the Minister shall be exercised by the Minister through a special body or special bodies of persons constituted in such manner as may be so prescribed.
- (2) It shall be lawful for His Majesty from time to time by Order in Council to transfer to the Minister—
- (a) all or any of the powers and duties of the Minister of Pensions with respect to the health of disabled officers and men after they have left the service;
  - (b) all or any of the powers and duties of the Secretary of State under the enactments relating to lunacy and mental deficiency;
  - (c) any other powers and duties in England and Wales of any Government department which appear to His Majesty to relate to matters affecting or incidental to the health of the people.

(3) It shall be lawful for His Majesty from time to time by Order in Council to transfer from the Minister to any other Government department any of the powers and duties of the Minister, whether relating to the relief of the poor or otherwise, which appear to His Majesty not to relate to matters affecting or incidental to the health of the people.

And it is hereby declared that it is the intention of this Act that, in the event of provision being made by Act of Parliament passed in the present or in any future session for the revision of the law relating to the relief of the poor and the distribution amongst other authorities of the powers exercisable by boards of guardians, there shall be transferred from the Minister to other Government departments such of the powers and duties under the enactments relating to the relief of the poor then vested in the Minister (not being powers or duties relating or incidental to the health of the people) as appear to His Majesty to be such as could be more conveniently exercised and performed by such other departments.

(4) His Majesty may by Order in Council make such incidental, consequential, and supplemental provisions as may be necessary or expedient for the purpose of giving full effect to any transfer of powers or duties by or under this section, including provisions for the transfer of any property, rights, and liabilities held, enjoyed, or incurred by any Government department in connection with any powers or duties transferred, and may make such adaptations in the enactments relating to such powers or duties as may be necessary to make exercisable by the Minister and his officers or by such other Government department and their officers, as the case may be, the powers and duties so transferred.

(5) In connection with the transfer of powers and duties to or from the Minister by or under this Act, the provisions set out in the First Schedule to this Act shall have effect.

4. *Consultative Councils.*—(1) It shall be lawful for His Majesty by Order in Council to establish consultative councils in England and Wales for giving, in accordance with the provisions of the Order, advice and assistance to the Minister in connection with such matters affecting or incidental to the health of the people as may be referred to in such Order.

(2) Every such council shall include women as well as men, and shall consist of persons having practical experience of the matters referred to the council.

5. *Provisions as to Wales.*—The Minister shall, subject to the provisions of this Act, appoint such officers as he may think fit to constitute a Board of Health in Wales through whom he may exercise and perform in Wales in such manner as he may think fit any of his powers and duties; the Board and any officer who is a member thereof



shall act under the directions, and comply with the instructions, of the Minister.

**6. Staff and remuneration.**—(1) The Minister may appoint one parliamentary secretary and such secretaries, officers, and servants as the Minister may, subject to the consent of the Treasury as to number determine, and in the making of such appointments shall give equal consideration to the suitability of persons of both sexes.

(2) There shall be paid out of moneys provided by Parliament to the Minister an annual salary not exceeding five thousand pounds, and to the secretaries, officers, and servants of the Ministry such salaries or remuneration as the Treasury may from time to time determine.

(3) The expenses of the Ministry, including payments to members of consultative councils and committees thereof, to such amount as may be sanctioned by the Treasury, shall be paid out of moneys provided by Parliament:

Provided that no payments shall be made to members of consultative councils and committees thereof other than the repayment of traveling expenses and payment of subsistence allowance and reasonable compensation for loss of remunerative time.

(4) There shall be transferred and attached to the Ministry the persons employed under the Local Government Board, the Insurance Commissioners, and the Welsh Insurance Commissioners, and such of the persons employed under any other Government department in or about the execution of the powers and duties transferred by or under this Act to the Minister, as the Minister and Government department, with the sanction of the Treasury, may determine.

(5) The Minister may from time to time distribute the business of the Ministry amongst the several persons transferred or attached thereto in pursuance of this Act in such manner as he may think right, and those persons shall perform such duties in relation to that business as may be directed by the Minister:

Provided that such persons shall be in no worse position as respects the tenure of office, salary or superannuation allowances than they would have been if this Act had not been passed.

**7. Seal, style, and acts of Minister.**—(1) The Minister may sue and be sued by the name of the Minister of Health, and may for all purposes be described by that name.

(2) The Minister shall have an official seal, which shall be officially and judicially noticed, and shall be authenticated by the signature of the Minister, or of a secretary, or any person authorized by the Minister to act in that behalf.

(3) For the purpose of acquiring and holding land, the Minister for the time being shall be a corporation sole by the name of the Minister

of Health, and all land vested in the Minister shall be held in trust for His Majesty for the purposes of the Ministry of Health.

(4) Upon and by virtue of the appointment of any person to be Minister, the benefit of all deeds, contracts, bonds, securities, or things in action vested in his predecessor at the time of his predecessor ceasing to hold office shall be transferred to and vested in and enure for the benefit of the person so appointed, in the same manner as if he had been contracted with instead of his predecessor, and if his name had been inserted in all such deeds, contracts, bonds, or securities instead of the name of his predecessor.

(5) Subsections (2) to (4) of section 11 and section 12 of the New Ministries and Secretaries Act, 1916, shall apply to the Minister of the Ministry of Health, and to the office of the Minister of Health and in like manner as they apply to the Ministers and Ministries mentioned in those sections.

8. *Provisions as to Orders in Council.*—(1) Any Order in Council made under this Act may be revoked or varied by a subsequent Order.

(2) Before any Order in Council under this Act (other than an Order appointing a day for the commencement of this Act or any provisions thereof) is made, notice of the proposal to make the Order and of the place where copies of the draft of the Order can be obtained shall be published in the London Gazette, and in such other manner as the Minister thinks best adapted for insuring publicity, and a draft of the Order shall be laid before each House of Parliament for not less than 30 days on which such House is sitting.

(3) In the case of the draft of an Order providing for any transfer of powers or duties to or from the Minister under subsections (2) and (3) of section 3 of this Act, or for the establishment of any consultative council under section 4 thereof, the Order shall not be made until both Houses by resolution have approved the draft, nor, if any modifications are agreed to by both Houses, otherwise than as so modified, and in the case of a draft of any other Order which is required to be laid as aforesaid, if either House before the expiration of such 30 days presents an Address to His Majesty against the draft, or any part thereof, no further proceedings shall be taken thereon, without prejudice to the making of any new draft Order.

9. *Consequential modifications of Insurance Acts.*—(1) The Irish Insurance Commissioners, in the carrying out of their powers and duties under the National Insurance (Health) Acts, 1911 to 1918, shall, except in such matters of a judicial character as may be prescribed under those Acts, act under the directions of the Chief Secretary, and further appointments of persons to be Irish Insurance Commissioners shall, subject to the consent of the Treasury as to number, be made by the Chief Secretary; but, save as aforesaid

or as otherwise expressly provided in this Act, nothing in this Act shall affect any of the powers or duties of the Irish Insurance Commissioners.

(2) The National Health Insurance Joint Committee shall consist of the Minister of Health, who shall be chairman, the Secretary for Scotland, and the Chief Secretary for Ireland, together with one other person appointed by the Minister, being a person having special knowledge and experience of national health insurance in Wales; but, save as aforesaid, nothing in this Act shall affect the constitution of that Committee or the incorporation thereof:

Provided that—

- (a) regulations under section eighty-three of the National Insurance Act, 1911, shall be made by the Committee instead of by the Treasury, and subsection (4) of that section shall apply to regulations made by the Committee in like manner as it applies to regulations made by the Treasury, but nothing in this provision shall affect the validity of the regulation made by the Treasury under that subsection before the commencement of this Act with respect to the powers and procedure of the Committee, and any such regulations shall continue in force until altered or revoked by regulations made by the Committee in pursuance of this provision; and
- (b) regulations made by the Committee under the said section eighty-three as amended by this section shall provide for the appointment of deputies to act for the several members of the Committee at meetings of the Committee at which such members are unable to be present.

**10. Application to Ireland.**—(1) For the purpose of promoting the health of the people in Ireland and exercising the powers conferred on him by this Act, the Chief Secretary shall be the Minister of Health for Ireland, and it shall be his duty as such Minister to take all such steps as may be desirable to secure the preparation, effective carrying out and coordination of measures conducive to health, including measures for the prevention and cure of diseases, the avoidance of fraud in connection with alleged remedies therefor, the treatment of physical and mental defects, the treatment and care of the blind, the initiation and direction of research, the collection, preparation, publication, and dissemination of information and statistics relating thereto, and the training of persons for health services.

(2) The provisions of this Act with respect to consultative councils shall apply to Ireland, with the substitution therein of the Lord Lieutenant for His Majesty, of Ireland for England and Wales,

and of the Dublin Gazette for the London Gazette and with the addition of the following provisions:

For the purpose of giving advice and assistance and making proposals to the Chief Secretary in connection with his powers and duties under this Act, a Council shall be established (which shall be called the Irish Public Health Council), consisting of the following persons:

- (a) The Vice President and the two other Commissioners of the Local Government Board for Ireland;
- (b) The chairman and such two others of the Irish Insurance Commissioners as may be nominated by the Chief Secretary;
- (c) A Registrar General of Births, Deaths, and Marriages in Ireland;
- (d) A registered medical practitioner, who shall act as chairman of the council under the direction of the Chief Secretary, and three other registered medical practitioners, one of whom shall be a woman and one of whom shall be a medical practitioner who is registered on the Medical Register in respect of a diploma in sanitary science, public health, or State medicine;
- (e) Six other persons having practical experience of matters relating or incidental to or affecting the health of the people.

(3) The Chief Secretary shall from time to time nominate the persons who are to be members of the Irish Public Health Council under paragraphs (d) and (e) of the preceding subsection, including the chairman.

(4) The expenses of the Chief Secretary and of the Irish Public Health Council under this Act, including a salary to the chairman of that council of such amount as may be determined by the Chief Secretary with the approval of the Treasury, and reasonable compensation to the other members of that council for loss of remunerative time, shall be paid in like manner as the expenses of the Ministry.

(5) Save as aforesaid or as otherwise expressly provided in this Act, the foregoing provisions of this Act shall not apply to Ireland.

**11. *Short title, commencement, and repeal, and interpretation.*—**

(1) This Act may be cited as the Ministry of Health Act, 1919, and shall come into operation upon such day or days as may be appointed by Order in Council, and different days may be appointed for different purposes and provisions of this Act:

Provided that the latest day for the transfer of powers to the Minister under subsection (1) of section 3 of this Act shall not be later than one year after the passing of this Act:

Provided that the day appointed for the transfer of the powers of the Minister of Pensions shall not be earlier than one year or later than three years after the termination of the present war.

(2) The enactments mentioned in the Second Schedule to this Act are hereby repealed to the extent specified in the third column of that schedule.

(3) For the purposes of this Act, Monmouthshire shall be deemed to form part of Wales.

(4) The expression "Government Department" includes the Insurance Commissioners, the Welsh Insurance Commissioners, and any other public department and any Minister of the Crown acting as the head of a Government department.

[June 3, 1919.]

Dr. Christopher Addison is the new Minister of Health. The six commissionerships of the Insurance Commission are abolished, and the higher administrative staff, including the secretary and the six assistant secretaries to the Local Government Board and the secretary and three assistant secretaries to the Insurance Commission, are replaced by the following officers:

Permanent secretaries to the Ministry of Health: Sir R. L. Morant, first secretary; Sir John Anderson, second secretary; Sir W. S. Kinnear, controller of the health insurance department; Mr. E. Hackforth, deputy controller of the health insurance department; Sir A. V. Symonds, Mr. L. G. Brock, Mr. E. R. Forber, Mr. I. G. Gibbon, Mr. R. W. Harris, Mr. C. Knight, Mr. A. B. MacLachlan, Mr. H. O. Stutchbury, Mr. F. L. Turner, Mr. F. J. Willis, Mr. A. Woodgate, assistant secretaries to the Ministry of Health. Mr. M. L. Dwyer has been appointed legal adviser and solicitor, Sir J. Lithiby retiring. Mr. M. Heseltine has been appointed secretary to the consultative councils to be set up.

The medical staff of the Ministry of Health will be announced shortly. Sir Alfred Watson, hitherto chief actuary to the National Health Insurance Committee, has been appointed to the new post of Government actuary.

## VENEREAL DISEASE CONTROL ACTIVITIES.

### EDUCATIONAL AND MEDICAL CAMPAIGN OF THE DIVISION OF VENEREAL DISEASES DURING THE FISCAL YEAR ENDED JUNE 30, 1919.

By CHARLES V. HERDLISKA, Acting Assistant Surgeon, United States Public Health Service.

During the fiscal year ended June 30, 1919, the Division of Venereal Diseases of the Public Health Service conducted a highly successful program for nation-wide control of venereal diseases. This campaign was conducted with physicians, dentists, druggists, nurses, medical and allied colleges, professional journals and advertising media throughout the country. This report gives some idea of one branch of the work that is being carried on by the Division of Venereal Diseases, as well as the methods which have been employed.



### Physicians.

In order that physicians might be impressed with the seriousness of the problem of venereal diseases and realize their responsibility to the public in carrying out the control program by reporting such diseases coming to their attention, and also to give each physician an opportunity to secure a copy of the revised Manual of Treatment of the Venereal Diseases, a communication was sent to approximately 132,000 doctors in the United States.

This communication consisted of a letter, a bulletin (V. D. No. 35), "An Appeal to Physicians for Cooperation," and an agreement card. The letter asked for the cooperation of every physician in the control program, and promised a copy of the manual to each one who signed an agreement card. In the bulletin the physician's individual responsibility was pointed out, and it was made clear that the attitude of the medical profession as a whole would determine largely whether venereal diseases are to be brought under control.

Each physician was urged to sign and return the card whereby he agreed:

1. To report cases of venereal diseases in accordance with the laws and board of health regulations.
2. To secure prompt treatment for all venereal cases coming to his attention, either treating them himself or referring them to a clinic or physician known to be competent in the treatment of such cases.
3. Not to dispense medicines for venereal diseases except where they can not be obtained from a drug store; and not to recommend, prescribe, or sell any proprietary remedy marketed for the self-treatment of venereal diseases.
4. To give every venereal disease patient a circular of instructions, a supply of which is to be furnished free of charge by the Public Health Service or the State Board of Health.

As a result of this letter, agreement cards and favorable replies have been received from 60,666 physicians, or nearly 50 per cent of the medical profession of the United States. It is felt that this response is very gratifying and that the ultimate cooperation of the entire medical profession is assured.

In accordance with the usual policy of the Service, the cards of agreement received were forwarded to the State boards of health with a list of the physicians to whom the letter was sent. Each State board was asked to communicate with the physicians who have not responded and to secure their cooperation. It was suggested to each State that a supply of the manuals be purchased for distribution to those physicians who signed agreement cards. At the close of the year, June 30, 1919, 35 States had responded by purchasing 71,300 copies of this manual. Physicians in States which have not bought copies of the manual are receiving them from the Service. A record of the number of physicians pledging their cooperation and of the manuals purchased by States is shown in the table.

### Medical and Allied Schools, Colleges, and Universities.

In order that physicians may be better equipped to handle cases of venereal diseases scientifically, a plan was suggested by the Service to the medical and allied schools, colleges, and universities in the United States, having in view two objects:

1. To enlarge and improve courses in the diagnosis and treatment of venereal diseases so as to include laboratory and clinical facilities in colleges where these courses are being taught; and to have such courses introduced as major courses in colleges where they are not being taught, that the students in medical schools and colleges may be equipped to handle these diseases when they begin to practice.

2. To offer special courses covering short periods of time, which men who are now practicing can take in order to prepare themselves to handle these diseases according to the best scientific methods. This program applies primarily to medical schools and colleges. It is important, however, that all schools of dentistry, pharmacy, and other allied schools have adequate training in the pathology of venereal diseases.

Preliminary to presenting this program to the medical and allied schools of the country, conferences were held at the universities in Washington, D. C., including the professional schools of Georgetown, George Washington, and Howard Universities. These conferences included addresses on—

1. The sanitary attack upon venereal diseases;
2. The better teaching of venereal diseases in schools, clinics, and hospitals;
3. The place of venereal diseases in medical, dental, and pharmaceutical schools, in hospitals, clinics, and training schools for nurses;
4. The importance of a proper knowledge of venereal diseases, not only to physicians but also to dentists, druggists, and nurses, and to college physical directors.

Social-hygiene films were shown and resolutions were adopted.

Using the program of the conferences held in Georgetown and George Washington Universities as a suggested form to be followed by other schools, a letter was sent to approximately 350 schools of medicine, dentistry, pharmacy, and physical education in the United States. Favorable replies have been received from all. The Georgetown University School of Medicine has broadened the work of the hygiene department, extended its curriculum, and increased its clinic facilities. The George Washington University Medical School has appointed a special teacher for this field, and has made plans for extending its lecture and clinical work, the new arrangement to go into operation with the beginning of the new school year. Howard University, representing the colored medical, dental, and pharmaceutical schools of the country, is making similar plans.

A second letter is now being sent out for the purpose of securing as early as possible the establishment in rural communities of extension courses for the benefit of the physicians and dentists who can not leave their professional work to attend postgraduate or special courses in the fall, winter, or spring. The results of this plan are not yet apparent.

### Nurses.

Special courses were given at Columbia University summer sessions to prepare public-health nurses for work in venereal-disease control.

V. D. Bulletin No. 40, "Lectures to Nurses," has been issued. In this bulletin there is discussed the history, social significance, and pathology of venereal diseases, and their prevalence as shown by statistics in the Army and Navy. This pamphlet has been sent to 42,471 student nurses and 1,509 training schools for nurses in 44 States. From nurses 424 requests for literature have been received.

Among the conventions of nurses at which the control program has been presented and the nurse's responsibility emphasized, are the following:

National League of Nursing.

Graduate Nurses' Association.

National Organizations of Public Health Nursing.

The State Graduate Nurses' Association of Connecticut, Illinois, Kansas, Kentucky, Louisiana, Massachusetts, Maine, Nebraska, New Jersey, North Dakota, Pennsylvania, Rhode Island, South Carolina, and Virginia.

The Alameda County Nurses' Association, Piedmont, Calif.

The New York City Federation of Public Health Nurses.

Local Nurses and the Lincoln Hospital Alumnae in New York City.

### Druggists.

The campaign to secure the cooperation of druggists was launched in the fall of 1918, following the campaign with the advertising media. The purpose of this plan was to eliminate the sale of nostrums for the self-treatment of venereal diseases, and the prescribing by druggists of remedies for the treatment of these diseases.

A letter, inclosing V. D. Bulletin No. 21, "An Appeal to All Retail Druggists," and an agreement card, was sent to the 48,500 druggists in the United States. In this appeal druggists were asked:

1. Not to prescribe or recommend any remedy for a venereal disease.
2. Not to purchase any proprietary remedy to be sold to the public for self-treatment of a venereal disease, and not to sell any such remedy after January 15, 1919.
3. To refill only such prescriptions for the treatment of venereal disease as were given originally to the customer by a reputable physician who is still in charge of the case.
4. To distribute literature furnished by the Surgeon General to persons asking, without a physician's prescription, for remedies customarily confined to the treatment of a venereal disease, and to direct such persons to a reputable physician, to an approved clinic, or to the State board of health.

As a result of this communication and of a second letter sent out in January, 28,226, or nearly 60 per cent, of the druggists have favorably responded by letter or by agreement card.

This campaign was referred to the State boards of health in April. Each State was sent a list of the druggists and the replies received. A

supply of V. D. Bulletin No. 36, "Disease and Health," and of V. D. Bulletin No. 2, "Responsibility of Druggists to the Public Health," was also sent to each State to be distributed among the druggists who pledged their cooperation. The plan provided that a copy of the "Disease and Health" pamphlet should be given to each person asking for a venereal disease remedy without a doctor's prescription, and that every employee of a pharmacy should be given a copy of V. D. Bulletin No. 2 for his own information. Each State has been asked to continue the campaign until every druggist in the State has discontinued the prescribing and sale of proprietary remedies for venereal diseases.

The following table summarizes by States the campaign with physicians and druggists:

*Report of campaign with physicians and druggists July 1, 1918, to June 30, 1919.*

| Name.                     | Agreement cards signed by— |            | Manuals purchased by State boards of health for distribution to physicians. | Pamphlets sent State boards of health for distribution to druggists. |              |
|---------------------------|----------------------------|------------|---|--|--------------|
|                           | Physicians.                | Druggists. |   | V. D. No. 36.  | V. D. No. 2. |
| Total.....                | 60,666                     | 28,226     | 71,300  | 800,588  | 132,831      |
| Alabama.....              | 782                        | 249        | 2,000   | 7,470  | 1,245        |
| Arizona.....              | 171                        | 63         | 250   | 1,890  | 315          |
| Arkansas.....             | 917                        | 457        | 1,000   | 13,710   | 2,285        |
| California.....           | 2,555                      | 554        | 4,100   | 16,620   | 2,770        |
| Colorado.....             | 720                        | 455        | .....   | 13,650   | 2,275        |
| Connecticut.....          | 504                        | 334        | 1,300   | 10,020   | 1,670        |
| Delaware.....             | 93                         | 77         | 400   | 2,310  | 385          |
| District of Columbia..... | 380                        | 96         | 800   | 2,880  | 480          |
| Florida.....              | 440                        | 231        | 500   | 6,930  | 1,155        |
| Georgia.....              | 865                        | 344        | 3,500   | 10,320   | 1,720        |
| Idaho.....                | 197                        | 180        | 200   | 5,400  | 900          |
| Illinois.....             | 4,014                      | 1,709      | 12,000  | 51,270   | 8,545        |
| Indiana.....              | 1,503                      | 979        | 5,000   | 29,370   | 4,895        |
| Iowa.....                 | 1,381                      | 1,142      | 3,000   | 34,260   | 5,710        |
| Kansas.....               | 1,076                      | 742        | 3,000   | 22,260   | 3,710        |
| Kentucky.....             | 1,071                      | 395        | .....   | 11,850   | 1,975        |
| Louisiana.....            | 586                        | 317        | 2,000   | 9,510  | 1,585        |
| Maine.....                | 414                        | 380        | 1,000   | 11,400   | 1,900        |
| Maryland.....             | 732                        | 239        | .....   | 7,170  | 1,195        |
| Massachusetts.....        | 2,473                      | 1,222      | 1,000   | 36,660   | 6,110        |
| Michigan.....             | 1,683                      | 1,011      | 2,000   | 30,330   | 5,055        |
| Minnesota.....            | 1,018                      | 633        | .....   | 18,990   | 3,165        |
| Mississippi.....          | 643                        | 299        | 1,800   | 8,970  | 1,495        |
| Missouri.....             | 2,307                      | 1,055      | .....   | 31,650   | 5,275        |
| Montana.....              | 229                        | 231        | 500   | 6,930  | 1,155        |
| Nebraska.....             | 773                        | 607        | .....   | 18,210   | 3,035        |
| Nevada.....               | 62                         | 29         | .....   | 870  | 145          |
| New Hampshire.....        | 237                        | 261        | .....   | 7,830  | 1,305        |
| New Jersey.....           | 1,092                      | 762        | 3,500   | 22,860   | 3,810        |
| New Mexico.....           | 185                        | 90         | 100   | 2,700  | 450          |
| New York.....             | 4,488                      | 2,594      | .....   | 77,820   | 12,970       |
| North Carolina.....       | 724                        | 258        | 2,500   | 7,740  | 1,290        |
| North Dakota.....         | 267                        | 280        | 500   | 8,400  | 1,400        |
| Ohio.....                 | 2,557                      | 827        | 2,000   | 24,810   | 4,135        |
| Oklahoma.....             | 998                        | 619        | 2,000   | 18,570   | 3,095        |
| Oregon.....               | 457                        | 284        | 750   | 8,520  | 1,420        |
| Pennsylvania.....         | 4,051                      | 1,439      | .....   | 43,170   | 7,195        |
| Rhode Island.....         | 276                        | 192        | .....   | 5,760  | 960          |
| South Carolina.....       | 439                        | 121        | 1,000   | 3,630  | 605          |
| South Dakota.....         | 289                        | 328        | .....   | 9,840  | 1,640        |
| Tennessee.....            | 1,197                      | 282        | .....   | 8,460  | 1,410        |
| Texas.....                | 1,872                      | 852        | 5,000   | 25,560   | 4,260        |
| Utah.....                 | 211                        | 116        | 500   | 3,480  | 580          |
| Vermont.....              | 268                        | 142        | 100   | 4,260  | 710          |
| Virginia.....             | 912                        | 359        | 1,000   | 10,770   | 1,795        |
| Washington.....           | 716                        | 388        | 2,000   | 11,640   | 1,940        |
| West Virginia.....        | 587                        | 200        | 2,000   | 6,000  | 1,000        |
| Wisconsin.....            | 1,071                      | 749        | 3,000   | 22,470   | 3,745        |
| Wyoming.....              | 93                         | 53         | .....   | 1,590  | 265          |
| Miscellaneous.....        | 10,000                     | 3,000      | .....   | 52,818   | 6,701        |

### Advertising Media.

In an effort to secure the elimination of advertisements of quack doctors and medical institutes in treating so-called private diseases, and of nostrums for the self-treatment of venereal disease, a letter was sent to the business managers of the 20,000 newspapers and magazines in the United States carrying advertising.

This letter was accompanied by V. D. Bulletin No. 12, "An Appeal to Advertising Media to Cooperate in the Fight Against Venereal Diseases," and an agreement card which each manager was asked to sign and return. Those signing the card agreed:

1. Not to print the advertisement of any doctor or medical institute offering to treat venereal diseases, either naming specific diseases or using indirect terms, such as "private diseases," "lost manhood," "discharges," "diseases peculiar to men," etc.

2. Not to print the advertisement of any nostrum described as effective in the self-treatment of venereal diseases.

It was known before beginning this campaign that the great majority of the 20,000 periodicals were not carrying quack venereal-disease advertising, but as an educational measure and to inform them of the stand taken by the Service it was considered advisable to include all.

The agreement cards and newspaper clippings received showed that approximately 19,800, or 99 per cent of the 20,000 newspapers and magazines circularized were cooperating. A special letter was then sent to the 200 papers which were still carrying objectionable matter. As a result 60 of these papers have agreed to change their policy, leaving only 140 which are still carrying venereal disease advertising of this character.

Many of the newspapers and magazines which have not carried quack venereal disease advertising for many years have said that they consider such advertising not only undesirable from the standpoint of a clean newspaper, but also injurious in its effects on the health of the communities they serve.

This campaign also has been referred to the State boards of health for completion.

### Medical, Dental, Pharmaceutical, and Allied Journals.

A campaign has also been launched by circular letter with the medical and allied journals of the country, the purpose of which is to secure their cooperation in giving publicity to the program presented to the medical and allied colleges. There have been sent out 1,700 letters to these professional journals. It is too early to tabulate results, but the replies being received show great interest and enthusiastic cooperation in the program outlined.



**Dentists.**

A campaign with dentists was started in April by a conference held under the auspices of the National Capital Dental Society of the District of Columbia, at the George Washington Dental School. The purpose of this campaign is to secure the better instruction of dental students and practicing dentists in diseases of the mouth, especially syphilitic lesions of the mouth.

The letter to dental schools has already been mentioned. A letter inclosing an appeal and agreement card similar to those used for physicians and druggists has been prepared, and is now being sent out to the 45,000 dentists of the country.

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**PUBLIC HEALTH SERVICE PROGRAM AT THE ANNUAL DENTAL CONVENTION.**

The Division of Venereal Diseases of the United States Public Health Service has formulated a program for every day of the Convention of the National Dental Association at New Orleans, October 20 to 24, inclusive, and will be represented by Dr. Charles V. Herdliska, Acting Assistant Surgeon.

The program as arranged will include the exhibition of three seven-reel educational social hygiene moving-picture dramas. These pictures will be shown on October 20, 21, and 22, respectively. There will also be shown on October 23 and 24, respectively, a two-reel "Animated Pathological Film" demonstrating the effects of venereal diseases on the human anatomy, and a new two-reel animated dental film. In the interim between the change of reels, Dr. Herdliska will describe the work accomplished with the advertising media, druggists, physicians, medical and allied colleges and the medical and allied journals throughout the country during the past year, and also the proposed campaign with the dentists.

From October 20 to 24, inclusive, there will be a "clinic" or special exhibition consisting of such exhibits as "Diseases of the Mouth, especially Syphilis"; "the Venereal Menace"; "Keeping Fit"; and exhibits of scientific and miscellaneous literature issued by the United States Public Health Service relative to venereal diseases. This exhibit will include books on sex education which have been approved by the following committee: Rupert Blue, Surgeon General of the United States Public Health Service; Philander P. Claxton, Commissioner, United States Bureau of Education; and Charles W. Eliot, president emeritus, Harvard University.

In addition to the above program for the week, the Convention has allotted to the Public Health Service one of the four general or night sessions for the presentation to the whole convention of one of the

motion picture dramas which is to be selected by the general secretary, Dr. Otto U. King. Before the presentation of the film, Dr. Herdliska will address the convention on "The Responsibility of the Dentist toward the Symptomatology of Diseases of the Mouth, Especially Syphilis."

The general secretary in making the announcement of this special evening program says: "After considerable work, we are finally able to rearrange our program so as to give you one of the four general sessions. This should be one of the best and largest attended meetings of the entire session. We have planned to give you a full evening."

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### COURT DECISION ON FURNISHING NARCOTIC DRUGS TO ADDICTS.

The Supreme Court of Minnesota has decided<sup>1</sup> that the anti-narcotic law<sup>2</sup> of that State prohibits the furnishing of habit-forming drugs to addicts by physicians.

A physician was convicted in the lower court for selling morphine to an habitual user of the drug. The defendant admitted furnishing the morphine, but claimed that he furnished it in attempting to cure the drug habit, and that under the law he could both prescribe and furnish the drug to addicts for such purpose. Section 2 of the act in question reads as follows:

It shall be unlawful for any physician or dentist to furnish to or prescribe for the use of any habitual user of the same any of the substances enumerated in section 1 of this act: *Provided*, That the provisions of this section shall not be construed to prevent any legally licensed physician from prescribing in good faith for the use of any patient under his care for the treatment of a drug habit such substances as he may deem necessary for such treatment: *Provided*, That such prescriptions are given in good faith for the treatment of such habit.

The supreme court held that the language of the act was plain, and that it prohibited a physician from furnishing habit-forming drugs to addicts. Under this decision it appears that in Minnesota a physician can prescribe narcotic drugs for an addict when acting in good faith, but he can not furnish the drugs to the addict.

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<sup>1</sup> State v. Whipple, 173 N. W., 801.

<sup>2</sup> Laws 1915, ch. 260, Pub. Health Repts. Reprint 338, p. 308.

## DEATHS DURING WEEK ENDED SEPT. 27, 1919.

From the "Weekly Health Index," Sept. 30, 1919, issued by the Bureau of the Census, Department of Commerce.

Deaths from all causes in certain large cities of the United States during the week ended Sept. 27, 1919, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

| City.                 | Population July 1, 1918, estimated. | Week ended Sept. 27, 1919. |                          | Average annual death rate per 1,000. <sup>3</sup> | Per cent of deaths under 1 year. |                                      |
|-----------------------|-------------------------------------|----------------------------|--------------------------|---|----------------------------------|--------------------------------------|
|                       |                                     | Total deaths.              | Death rate. <sup>1</sup> |   | Week ended Sept. 27, 1919.       | Previous year of years. <sup>2</sup> |
| Albany, N. Y.         | 112,565                             | 25                         | 11.6                     | C 13.4  | 4.0                              | C 10.3                               |
| Atlanta, Ga.          | 201,732                             | 47                         | 12.1                     | C 10.3  | 2.1                              | C 7.5                                |
| Baltimore, Md.        | 669,981                             | 170                        | 13.2                     | A 16.4  | 11.8                             | A 25.9                               |
| Birmingham, Ala.      | 197,670                             | 57                         | 15.0                     | A 15.7  | 7.0                              | A 13.7                               |
| Boston, Mass.         | 785,245                             | 178                        | 11.8                     | A 14.6  | 19.7                             | A 23.8                               |
| Buffalo, N. Y.        | 473,229                             | 116                        | 12.8                     | C 16.0  | 26.7                             | C 29.7                               |
| Cambridge, Mass.      | 111,432                             | 16                         | 7.5                      | A 10.5  | 25.0                             | A 21.8                               |
| Chicago, Ill.         | 2,596,681                           | 504                        | 10.1                     | A 12.7  | 19.0                             | A 22.4                               |
| Cincinnati, Ohio      | 418,022                             | 98                         | 12.2                     | C 13.0  | 7.1                              | C 13.5                               |
| Cleveland, Ohio.      | 810,306                             | 134                        | 8.6                      | C 10.0  | 23.1                             | C 25.0                               |
| Columbus, Ohio.       | 225,296                             | 59                         | 13.7                     | C 14.3  | 13.6                             | C 21.0                               |
| Dayton, Ohio.         | 130,655                             | 26                         | 10.4                     | C 13.2  | 30.8                             | C 6.1                                |
| Denver, Colo.         |                                     | 73                         |                          |   | 8.2                              |                                      |
| Fall River, Mass.     | 128,392                             | 23                         | 9.3                      | C 24.4  | 34.8                             | C 23.3                               |
| Grand Rapids, Mich.   | 135,450                             | 24                         | 9.2                      | C 14.6  | 16.7                             | C 23.7                               |
| Indianapolis, Ind.    | 290,389                             | 64                         | 11.5                     | C 9.9   | 15.6                             | C 10.9                               |
| Jersey City, N. J.    | 318,770                             | 57                         | 9.3                      | C 16.0  | 19.3                             | C 12.2                               |
| Kansas City, Mo.      | 313,785                             | 76                         | 12.6                     | C 12.6  | 19.7                             | C 10.5                               |
| Los Angeles, Calif.   | 568,495                             | 100                        | 9.2                      | A 11.2  | 12.0                             | A 10.4                               |
| Louisville, Ky.       | 242,707                             | 41                         | 8.8                      | C 15.5  | 9.8                              | C 13.9                               |
| Lowell, Mass.         | 109,081                             | 28                         | 13.4                     | A 16.2  | 32.1                             | A 30.4                               |
| Memphis, Tenn.        | 154,759                             | 44                         | 14.8                     | C 19.5  | 6.8                              | C 8.6                                |
| Milwaukee, Wis.       | 453,481                             | 81                         | 9.3                      | A 11.3  | 22.2                             | A 23.1                               |
| Minneapolis, Minn.    | 383,422                             | 50                         | 8.0                      | C 12.0  | 8.5                              | C 21.6                               |
| Nashville, Tenn.      | 119,215                             | 25                         | 10.9                     | C 17.9  | 4.0                              | C 9.8                                |
| Newark, N. J.         | 428,684                             | 88                         | 10.7                     | C 11.2  | 25.0                             | C 15.2                               |
| New Haven, Conn.      | 154,865                             | 34                         | 11.4                     | C 15.5  | 14.7                             | C 13.0                               |
| New Orleans, La.      | 382,273                             | 101                        | 13.8                     | A 17.0  | 15.8                             | A 10.4                               |
| New York, N. Y.       | 5,215,879                           | 1,048                      | 10.5                     | C 12.1  | 19.0                             | C 15.8                               |
| Oakland, Calif.       | 214,206                             | 49                         | 11.9                     | A 10.1  | 8.2                              | A 16.3                               |
| Omaha, Neb.           | 180,264                             | 33                         | 9.5                      | C 7.8   | 15.2                             | C 11.1                               |
| Philadelphia, Pa.     | 1,761,371                           | 413                        | 12.2                     | ( <sup>9</sup> ) 13.7                             | 22.0                             | ( <sup>9</sup> ) 20.2                |
| Pittsburgh, Pa.       | 593,303                             | 138                        | 12.1                     | C 17.7  | 18.8                             | C 22.4                               |
| Portland, Oreg.       |                                     | 57                         |                          |   | 14.0                             | C 17.0                               |
| Providence, R. I.     | 263,613                             | 50                         | 9.9                      | C 18.0  | 12.0                             | C 15.4                               |
| Richmond, Va.         | 160,719                             | 52                         | 16.9                     | C 14.6  | 17.3                             | C 13.3                               |
| Rochester, N. Y.      | 264,856                             | 56                         | 11.0                     | C 13.4  | 10.7                             | C 14.7                               |
| St. Louis, Mo.        | 779,951                             | 123                        | 8.2                      | C 11.7  | 10.6                             | C 10.9                               |
| St. Paul, Minn.       | 257,699                             | 31                         | 6.3                      | C 8.9   | 6.5                              | C 2.3                                |
| San Francisco, Calif. | 478,530                             | 106                        | 11.6                     | C 12.6  | 4.7                              | C 8.6                                |
| Seattle, Wash.        |                                     | 52                         |                          |   | 3.8                              | A 13.0                               |
| Syracuse, N. Y.       | 161,404                             | 43                         | 13.9                     | C 24.6  | 7.0                              | C 10.5                               |
| Toledo, Ohio.         | 262,234                             | 59                         | 11.7                     | A 13.2  | 20.3                             | A 18.1                               |
| Washington, D. C.     | 401,681                             | 90                         | 11.7                     | A 15.0  | 6.7                              | A 13.8                               |
| Worcester, Mass.      | 173,650                             | 32                         | 9.6                      | C 30.3  | 21.9                             | C                                    |

<sup>1</sup> Annual rates per 1,000 estimated population.

<sup>2</sup> "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1918.

<sup>3</sup> Population estimated as of July 1, 1919.

<sup>4</sup> Data are based on statistics of 1915, 1916, and 1917.

Summary of information received by telegraph from industrial insurance companies for week ended Sept. 27, 1919.

Policies in force..... 40,920,614  
 Number of death claims..... 6,339  
 Death claims for 1,000 policies in force, annual rate..... 8.08

# PREVALENCE OF DISEASE.

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.*

## UNITED STATES.

### CURRENT STATE SUMMARIES.

#### Telegraphic Reports for Week Ended Oct. 4, 1919.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

| ALABAMA.                      |  | Cases. | CONNECTICUT.                  |  | Cases. |
|-------------------------------|--|--------|-------------------------------|--|--------|
| Diphtheria.....               |  | 59     | Influenza.....                |  | 8      |
| Influenza:                    |  |        | DELAWARE.                     |  |        |
| Autauga County.....           |  | 6      | Chicken pox:                  |  |        |
| Madison County.....           |  | 4      | Georgetown.....               |  | 1      |
| Mobile County.....            |  | 4      | Wilmington.....               |  | 2      |
| Talladega County.....         |  | 2      | Diphtheria:                   |  |        |
| Malaria.....                  |  | 122    | Claymont.....                 |  | 1      |
| Scarlet fever.....            |  | 27     | Milton.....                   |  | 1      |
| Tuberculosis (pulmonary)..... |  | 17     | New Castle.....               |  | 1      |
| Typhoid fever.....            |  | 23     | Wilmington.....               |  | 4      |
| Whooping cough.....           |  | 9      | Influenza:                    |  |        |
| ARKANSAS.                     |  |        | Odessa.....                   |  | 1      |
| Diphtheria.....               |  | 22     | Mumps.....                    |  | 1      |
| Influenza.....                |  | 17     | Pneumonia:                    |  |        |
| Malaria.....                  |  | 135    | Little Creek.....             |  | 1      |
| Pellagra.....                 |  | 23     | Scarlet fever:                |  |        |
| Pollomyelitis.....            |  | 1      | Dover.....                    |  | 1      |
| Scarlet fever.....            |  | 36     | Tuberculosis:                 |  |        |
| Smallpox.....                 |  | 2      | Georgetown.....               |  | 1      |
| Trachoma.....                 |  | 2      | Selbyville.....               |  | 1      |
| Tuberculosis.....             |  | 33     | Wilmington.....               |  | 1      |
| Typhoid fever.....            |  | 24     | Typhoid fever:                |  |        |
| Whooping cough.....           |  | 11     | Frederica.....                |  | 1      |
| CALIFORNIA.                   |  |        | Greenville.....               |  | 1      |
| Influenza.....                |  | 24     | Milton.....                   |  | 1      |
| Smallpox:                     |  |        | Port Penn.....                |  | 1      |
| Eureka.....                   |  | 6      | Rehoboth.....                 |  | 1      |
| Fresno County.....            |  | 1      | Seaford.....                  |  | 1      |
| Jackson.....                  |  | 3      | Wilmington.....               |  | 1      |
| Los Angeles.....              |  | 2      | Yorklyn.....                  |  | 1      |
| Sacramento.....               |  | 1      | Whooping cough.....           |  | 1      |
| San Diego.....                |  | 1      | FLORIDA.                      |  |        |
| Whittier.....                 |  | 3      | Cerebrospinal meningitis..... |  | 1      |
| Typhoid fever:                |  |        | Diphtheria.....               |  | 10     |
| Fresno.....                   |  | 1      | Dysentery.....                |  | 3      |
| Fresno County.....            |  | 3      | Influenza.....                |  | 19     |
| Los Angeles.....              |  | 2      | Malaria:                      |  |        |
| Monterey County.....          |  | 1      | Alachua County.....           |  | 5      |
| Oakland.....                  |  | 1      | Bay County.....               |  | 2      |
| Santa Monica.....             |  | 1      | Calhoun County.....           |  | 2      |
| Turlock.....                  |  | 1      | Citrus County.....            |  | 1      |
| Whittier.....                 |  | 1      | Columbia County.....          |  | 1      |

## FLORIDA—continued.

| Malaria—Continued        | Cases. |
|--------------------------|--------|
| Duval County.....        | 15     |
| Franklin County.....     | 1      |
| Gadsden County.....      | 5      |
| Hillsborough County..... | 4      |
| Jackson County.....      | 4      |
| Jefferson County.....    | 2      |
| Lafayette County.....    | 1      |
| Lake County.....         | 1      |
| Leon County.....         | 4      |
| Levy County.....         | 2      |
| Madison County.....      | 7      |
| Marion County.....       | 23     |
| Orange County.....       | 2      |
| Osceola County.....      | 1      |
| Palm Beach County.....   | 3      |
| Pasco County.....        | 1      |
| Polk County.....         | 3      |
| St. Johns County.....    | 3      |
| Suwannee County.....     | 5      |
| Walton County.....       | 3      |
| Scarlet fever.....       | 1      |
| Smallpox.....            | 2      |
| Typhoid fever.....       | 17     |

## GEORGIA.

|  |     |
|--|-----|
| Cerebrospinal meningitis.....          | 2   |
| Chicken pox.....                       | 1   |
| Conjunctivitis (acute infectious)..... | 3   |
| Diphtheria.....                        | 75  |
| Dysentery (amebic).....                | 2   |
| Dysentery (bacillary).....             | 5   |
| Gonorrhea.....                         | 140 |
| Hookworm.....                          | 5   |
| Influenza.....                         | 32  |
| Malaria.....                           | 45  |
| Measles.....                           | 3   |
| Mumps.....                             | 8   |
| Paratyphoid fever.....                 | 7   |
| Pellagra.....                          | 1   |
| Pneumonia (acute lobar).....           | 3   |
| Scarlet fever.....                     | 36  |
| Septic sore throat.....                | 20  |
| Smallpox.....                          | 3   |
| Syphilis.....                          | 165 |
| Trachoma.....                          | 1   |
| Tuberculosis (pulmonary).....          | 8   |
| Tuberculosis (other forms).....        | 2   |
| Typhoid fever.....                     | 55  |
| Whooping cough.....                    | 14  |

## ILLINOIS.

|  |     |
|--|-----|
| Cerebrospinal meningitis:              |     |
| Livingston County, Eppards Point Town- |     |
| ship.....                              | 1   |
| Diphtheria:                            |     |
| Chicago.....                           | 166 |
| Effingham.....                         | 3   |
| Freeport.....                          | 3   |
| Le Roy.....                            | 5   |
| Moline.....                            | 3   |
| Oak Park.....                          | 3   |
| Peoria.....                            | 6   |
| Rockford.....                          | 5   |
| Scattering.....                        | 39  |
| Influenza.....                         | 64  |
| Gonorrhea.....                         | 264 |

## ILLINOIS—continued.

| Poliomyelitis:   | Cases. |
|------------------|--------|
| Chicago.....     | 2      |
| Erie.....        | 1      |
| Quincy.....      | 1      |
| Summit.....      | 1      |
| Scarlet fever:   |        |
| Apple River..... | 3      |
| Chicago.....     | 106    |
| Girard.....      | 10     |
| Peoria.....      | 10     |
| Springfield..... | 3      |
| Scattering.....  | 35     |
| Smallpox:        |        |
| Chicago.....     | 1      |
| Reynolds.....    | 4      |
| Roodhouse.....   | 24     |
| Scattering.....  | 3      |
| Syphilis.....    | 148    |
| Typhoid fever:   |        |
| Chicago.....     | 10     |
| Waukegan.....    | 3      |
| Scattering.....  | 13     |

## INDIANA.

|                        |    |
|------------------------|----|
| Chancreoid.....        | 5  |
| Diphtheria:            |    |
| Blackford County.....  | 2  |
| Carroll County.....    | 1  |
| Delaware County.....   | 3  |
| Dubois County.....     | 1  |
| Fountain County.....   | 2  |
| Grant County.....      | 6  |
| Hamilton County.....   | 1  |
| Hancock County.....    | 1  |
| Hendricks County.....  | 1  |
| Jasper County.....     | 1  |
| Knox County.....       | 3  |
| Lake County.....       | 2  |
| Montgomery County..... | 1  |
| Porter County.....     | 2  |
| Putnam County.....     | 1  |
| Randolph County.....   | 1  |
| Tipton County.....     | 4  |
| Vigo County.....       | 4  |
| Washington County..... | 1  |
| Wayne County.....      | 19 |
| Wells County.....      | 2  |
| Influenza:             |    |
| Allen County.....      | 1  |
| Grant County.....      | 2  |
| Greene County.....     | 2  |
| Hancock County.....    | 1  |
| Lake County.....       | 1  |
| Martin County.....     | 15 |
| Monroe County.....     | 3  |
| Ohio County.....       | 1  |
| Starke County.....     | 1  |
| Union County.....      | 1  |
| White County.....      | 1  |
| Gonorrhea.....         | 91 |
| Measles:               |    |
| Allen County.....      |    |
| Elkhart County.....    |    |
| Fayette County.....    |    |
| White County.....      |    |
| Poliomyelitis:         |    |
| Elkhart County.....    | 1  |
| Wabash County.....     | 1  |



## INDIANA—continued.

|                        | Cases. |
|------------------------|--------|
| Rabies (in animals):   |        |
| Clay County.....       | 1      |
| Scarlet fever:         |        |
| Allen County.....      | 6      |
| Carroll County.....    | 8      |
| Clinton County.....    | 5      |
| Decatur County.....    | 10     |
| Fayette County.....    | 3      |
| Fountain County.....   | 3      |
| Fulton County.....     | 2      |
| Grant County.....      | 1      |
| Hamilton County.....   | 1      |
| Hancock County.....    | 1      |
| Knox County.....       | 1      |
| Madison County.....    | 1      |
| Martin County.....     | 2      |
| Monroe County.....     | 1      |
| Noble County.....      | 2      |
| Owen County.....       | 2      |
| Randolph County.....   | 1      |
| Steuben County.....    | 1      |
| Tippecanoe County..... | 2      |
| Vigo County.....       | 4      |
| Wayne County.....      | 1      |
| White County.....      | 1      |
| Smallpox:              |        |
| Allen County.....      | 1      |
| Elkhart County.....    | 4      |
| Grant County.....      | 1      |
| Jackson County.....    | 4      |
| Steuben County.....    | 4      |
| Syphilis.....          | 83     |
| Typhoid fever:         |        |
| Decatur County.....    | 4      |
| Dubois County.....     | 1      |
| Fountain County.....   | 3      |
| Jay County.....        | 4      |
| Jennings County.....   | 1      |
| Knox County.....       | 1      |
| Laporte County.....    | 2      |
| Madison County.....    | 1      |
| Martin County.....     | 3      |
| Monroe County.....     | 1      |
| Owen County.....       | 2      |
| Perry County.....      | 4      |
| White County.....      | 1      |
| Chancroid:             |        |
| Des Moines.....        | 1      |
| Forest City.....       | 1      |
| Chicken pox:           |        |
| Council Bluffs.....    | 1      |
| Dubuque.....           | 1      |
| Diphtheria:            |        |
| Albia.....             | 3      |
| Benton County.....     | 1      |
| Britt.....             | 2      |
| Cedar Rapids.....      | 1      |
| Council Bluffs.....    | 13     |
| Davenport.....         | 3      |
| Des Moines.....        | 10     |
| Dubuque.....           | 4      |
| Hawarden.....          | 1      |
| Mason City.....        | 3      |
| Oskaloosa.....         | 1      |
| Ottumwa.....           | 1      |
| Webster County.....    | 1      |

## IOWA.

## IOWA—continued.

|                               | Cases. |
|-------------------------------|--------|
| Gonorrhea.....                | 64     |
| Influenza:                    |        |
| Davenport.....                | 1      |
| Des Moines.....               | 2      |
| Maxwell.....                  | 1      |
| Scarlet fever:                |        |
| Albia.....                    | 2      |
| Atlantic.....                 | 3      |
| Boone.....                    | 1      |
| Clearfield.....               | 12     |
| Council Bluffs.....           | 13     |
| Dallas County.....            | 1      |
| Des Moines.....               | 12     |
| Dubuque.....                  | 1      |
| Franklin County.....          | 5      |
| Hardin County.....            | 1      |
| Kossuth County.....           | 1      |
| Lucas County.....             | 1      |
| Lyon County.....              | 1      |
| Madrid.....                   | 2      |
| Mason City.....               | 1      |
| Minburn.....                  | 1      |
| Polk County.....              | 1      |
| Story County.....             | 3      |
| Tama County.....              | 3      |
| Smallpox:                     |        |
| Audubon County.....           | 1      |
| Council Bluffs.....           | 1      |
| Davenport.....                | 1      |
| Portsmouth.....               | 1      |
| Syphilis.....                 | 14     |
| KANSAS.                       |        |
| Cerebrospinal meningitis:     |        |
| Salina.....                   | 1      |
| Diphtheria.....               | 39     |
| Influenza.....                | 29     |
| Scarlet fever.....            | 44     |
| Smallpox.....                 | 13     |
| LOUISIANA.                    |        |
| Cerebrospinal meningitis..... | 1      |
| Chancroid.....                | 23     |
| Diphtheria.....               | 17     |
| Gonorrhea.....                | 81     |
| Influenza.....                | 27     |
| Scarlet fever.....            | 13     |
| Smallpox.....                 | 7      |
| Syphilis.....                 | 43     |
| Typhoid fever.....            | 17     |
| MAINE.                        |        |
| Cerebrospinal meningitis:     |        |
| Kittery.....                  | 1      |
| Diphtheria:                   |        |
| Anson.....                    | 1      |
| Cary Pond.....                | 1      |
| Lewiston.....                 | 5      |
| Monticello.....               | 1      |
| New Port.....                 | 1      |
| South Portland.....           | 1      |
| Dysentery:                    |        |
| Sanford.....                  | 1      |
| Gonorrhea.....                | 49     |
| Influenza:                    |        |
| Bath.....                     | 1      |
| Freeport.....                 | 2      |

## MAINE—continued.

| Influenza—Continued. | Cases. |
|----------------------|--------|
| Greenville.....      | 1      |
| Westbrook.....       | 2      |
| Scarlet fever:       |        |
| Greenville.....      | 2      |
| Livermore.....       | 1      |
| Portland.....        | 5      |
| Winslow.....         | 3      |
| Smallpox:            |        |
| Auburn.....          | 2      |
| Livermore.....       | 2      |
| Syphilis.....        | 37     |
| Tuberculosis.....    | 14     |
| Typhoid fever:       |        |
| Augusta.....         | 1      |
| Bath.....            | 2      |
| Portland.....        | 4      |
| Sanford.....         | 2      |
| Whooping cough:      |        |
| Freeport.....        | 4      |
| Portland.....        | 1      |

## MASSACHUSETTS.

|                                   |     |
|-----------------------------------|-----|
| Cerebrospinal meningitis.....     | 8   |
| Chicken pox.....                  | 52  |
| Conjunctivitis (suppurative)..... | 10  |
| Diphtheria.....                   | 179 |
| Gonorrhea.....                    | 226 |
| Influenza.....                    | 59  |
| Malaria.....                      | 5   |
| Measles.....                      | 57  |
| Measles (German).....             | 5   |
| Mumps.....                        | 46  |
| Ophthalmia neonatorum.....        | 26  |
| Pneumonia (lobar).....            | 52  |
| Poliomyelitis (anterior).....     | 2   |
| Scarlet fever.....                | 117 |
| Syphilis.....                     | 74  |
| Tetanus.....                      | 1   |
| Trachoma.....                     | 2   |
| Tuberculosis (pulmonary).....     | 137 |
| Tuberculosis (other forms).....   | 14  |
| Typhoid fever.....                | 36  |
| Whooping cough.....               | 79  |

## MINNESOTA.

|   |   |
|---|---|
| Cerebrospinal meningitis.....           | 1 |
| Poliomyelitis.....                      | 7 |
| Smallpox (new foci):                    |   |
| Wabasha County, Millville.....          | 1 |
| Otter Tail County, Newton Township..... | 5 |

## MONTANA.

|                                   |    |
|-----------------------------------|----|
| Diphtheria.....                   | 1  |
| Influenza.....                    | 10 |
| Rocky Mountain spotted fever..... | 1  |
| Scarlet fever.....                | 11 |
| Smallpox.....                     | 7  |
| Typhoid fever.....                | 7  |

## NEW JERSEY.

|                |    |
|----------------|----|
| Influenza..... | 49 |
| Pneumonia..... | 43 |

## NEW MEXICO.

|                  |    |
|------------------|----|
| Influenza:       |    |
| Fort Sumner..... | 12 |
| Hagerman.....    | 9  |

## NEW YORK.

(Exclusive of New York City.)

| Cerebrospinal meningitis: | Cases. |
|---------------------------|--------|
| Hudson.....               | 1      |
| Diphtheria:               |        |
| Erie County.....          | 133    |
| Scattering.....           | 222    |
| Gonorrhea.....            | 55     |
| Influenza.....            | 49     |
| Measles.....              | 29     |
| Paratyphoid fever.....    | 41     |
| Pneumonia.....            | 44     |
| Poliomyelitis:            |        |
| Hampton.....              | 1      |
| Massena.....              | 1      |
| Oyster Bay.....           | 1      |
| Schenectady.....          | 2      |
| Wirt.....                 | 1      |
| Scarlet fever.....        | 137    |
| Smallpox:                 |        |
| Buffalo.....              | 1      |
| North Collins.....        | 1      |
| Syphilis.....             | 156    |
| Typhoid fever:            |        |
| Brook Haven.....          | 13     |
| Tonawanda.....            | 16     |
| Scattering.....           | 64     |
| Whooping cough.....       | 79     |

## NORTH CAROLINA.

|                               |     |
|-------------------------------|-----|
| Cerebrospinal meningitis..... | 1   |
| Chancroid.....                | 15  |
| Chicken pox.....              | 12  |
| Cholera (infantum).....       | 2   |
| Diphtheria.....               | 194 |
| Dysentery (bacillary).....    | 2   |
| Gonorrhea.....                | 210 |
| Measles.....                  | 33  |
| Ophthalmia neonatorum.....    | 1   |
| Pneumonia (broncho).....      | 3   |
| Pneumonia (lobar).....        | 7   |
| Poliomyelitis.....            | 3   |
| Scarlet fever.....            | 65  |
| Septic sore throat.....       | 19  |
| Smallpox.....                 | 27  |
| Syphilis.....                 | 78  |
| Typhoid fever.....            | 99  |
| Whooping cough.....           | 140 |

## OHIO.

|                     |    |
|---------------------|----|
| Diphtheria:         |    |
| Cincinnati.....     | 19 |
| Columbus.....       | 12 |
| Columbus Grove..... | 3  |
| Toledo.....         | 18 |
| Scarlet fever:      |    |
| Columbus.....       | 23 |
| Columbus Grove..... | 5  |
| Typhoid fever:      |    |
| Grover Hill.....    | 3  |
| Lima.....           | 7  |

## VIRGINIA.

|                             |   |
|-----------------------------|---|
| Influenza:                  |   |
| Richmond.....               | 2 |
| Smallpox:                   |   |
| Lee County.....             | 1 |
| Montgomery County, several. |   |

| WASHINGTON.               |    | Cases. | WEST VIRGINIA—continued.        |    | Cases. |
|---------------------------|----|--------|---------------------------------|----|--------|
| Chicken pox.....          | 24 |        | Smallpox:                       |    |        |
| Diphtheria.....           | 23 |        | Grafton.....                    | 2  |        |
| Gonorrhea.....            | 25 |        | Weston.....                     | 1  |        |
| Influenza.....            | 5  |        | Williamson.....                 | 1  |        |
| Measles.....              | 2  |        | Typhoid fever:                  |    |        |
| Mumps.....                | 21 |        | Charleston.....                 | 1  |        |
| Pneumonia.....            | 2  |        | Hinton.....                     | 2  |        |
| Scarlet fever.....        | 36 |        | Keyser.....                     | 2  |        |
| Smallpox.....             | 38 |        | Morgantown.....                 | 1  |        |
| Syphilis.....             | 8  |        | Parkersburg.....                | 2  |        |
| Tuberculosis.....         | 4  |        | Sutton.....                     | 1  |        |
| Typhoid fever.....        | 23 |        | Wheeling.....                   | 1  |        |
| Whooping cough.....       | 13 |        |                                 |    |        |
| WEST VIRGINIA.            |    |        | WISCONSIN.                      |    |        |
| Cerebrospinal meningitis: |    |        | Chicken pox:                    |    |        |
| Morgantown.....           | 1  |        | Milwaukee.....                  | 5  |        |
| Diphtheria:               |    |        | Scattering.....                 | 3  |        |
| Bluefield.....            | 2  |        | Diphtheria:                     |    |        |
| Charleston.....           | 6  |        | Milwaukee.....                  | 26 |        |
| Clarksburg.....           | 2  |        | Scattering.....                 | 22 |        |
| Elkins.....               | 1  |        | Influenza:                      |    |        |
| Fairmont.....             | 1  |        | Fairwater, Fondulac County..... | 4  |        |
| Grafton.....              | 5  |        | Tomah, Monroe County.....       | 1  |        |
| Huntington.....           | 7  |        | Measles.....                    | 3  |        |
| Martinsburg.....          | 3  |        | Poliomyelitis.....              | 3  |        |
| Montgomery.....           | 1  |        | Scarlet fever:                  |    |        |
| Moundsville.....          | 2  |        | Milwaukee.....                  | 42 |        |
| Parkersburg.....          | 3  |        | Scattering.....                 | 38 |        |
| Weston.....               | 3  |        | Smallpox.....                   | 24 |        |
| Williamson.....           | 1  |        | Tuberculosis:                   |    |        |
| Scarlet fever:            |    |        | Milwaukee.....                  | 18 |        |
| Bluefield.....            | 4  |        | Scattering.....                 | 15 |        |
| Clarksburg.....           | 6  |        | Typhoid fever:                  |    |        |
| Fairmont.....             | 8  |        | Milwaukee.....                  | 3  |        |
| Huntington.....           | 1  |        | Scattering.....                 | 3  |        |
| Morgantown.....           | 3  |        | Whooping cough:                 |    |        |
|                           |    |        | Milwaukee.....                  | 17 |        |
|                           |    |        | Scattering.....                 | 24 |        |

## SUMMARY OF CASES REPORTED MONTHLY BY STATES.

Tables showing by counties the reported cases of cerebrospinal meningitis, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

| State.                     | Cerebrospinal meningitis. | Diphtheria. | Malaria. | Measles. | Pellagra. | Poliomyelitis. | Scarlet fever. | Smallpox. | Typhoid fever. |
|----------------------------|---------------------------|-------------|----------|----------|-----------|----------------|----------------|-----------|----------------|
| Alabama (August).....      | 4                         | 151         | 407      | 6        | 41        | .....          | 107            | 22        | 169            |
| California (August).....   | 4                         | 149         | 133      | 71       | 2         | 4              | 118            | 126       | 94             |
| Indiana (August).....      | .....                     | 288         | .....    | 31       | .....     | 4              | 109            | 77        | 134            |
| Minnesota (August).....    | 5                         | 235         | 1        | 32       | 1         | 27             | 63             | 72        | 67             |
| Montana (August).....      | 1                         | 16          | 1        | 16       | .....     | 2              | 32             | 8         | 72             |
| South Dakota (August)..... | 1                         | 26          | .....    | 4        | .....     | 1              | 11             | 37        | 19             |
| Virginia (August).....     | 2                         | 172         | 641      | 52       | 34        | 21             | 121            | 62        | 485            |
| Wyoming (July).....        | .....                     | 16          | .....    | 39       | .....     | .....          | 4              | 19        | 4              |
| Wyoming (August).....      | .....                     | 11          | .....    | 8        | .....     | 1              | 9              | 1         | 4              |

## RECIPROCAL NOTIFICATION.

## Minnesota.

*Cases of communicable diseases referred during August, 1919, to other State health departments by department of health of the State of Minnesota.*

| Disease and locality of notification.                               | Referred to health authority of—  | Why referred.  |
|---|---|--|
| <b>Smallpox:</b><br>Minneapolis Health Department, Hennepin County. | Chicago, Cook County, Ill.; Laporte, Laporte County, Ind.; Elkhart, Elkhart County, Ind.  | Disease probably contracted in Illinois or Indiana.  |
| <b>Tuberculosis:</b><br>Mayo Clinic, Rochester, Olmsted County.     | Globe, Gila County, Ariz.; Zeigler, Franklin County, Ill.; Rockford, Winnebago County, Ill.; Huron, Lawrence County, Ind.; Bloomington, Monroe County, Ind.; Traer, Tama County, Iowa; Sioux City, Woodbury County, Iowa; Clarion, Wright County, Iowa; Ozark, Mickinac County, Mich.; Ironwood, Gogebic County, Mich.; Detroit, Wayne County, Mich.; Meridian, Lauderdale County, Miss.; Bogard, Carroll County, Mo.; Excelsior Springs, Clay County, Mo.; Phillips, Phillips County, Mont.; Stockatt, Cascade County, Mont.; Oconto, Custer County, Nebr.; Santa Fe, Santa Fe County, N. Mex.; Sutton, Griggs County, N. Dak.; Henryetta, Okmulgee County, Okla.; Sioux Falls, Minnehaha County, S. Dak.; Harold, Hughes County, S. Dak.; Wagner, Charles Mix County, S. Dak.; Newell, Butte County, S. Dak.; Monshans, Ward County, Tex.; Dallas, Dallas County, Tex.; Prentice, Price County, Wis.; Pepin, Pepin County, Wis.; Mondovi, Buffalo County, Wis.; Hayter, Alberta, Canada; Winnipeg, Manitoba, Canada; Gardenton, Manitoba, Canada; Winnipeg, Manitoba, Canada. | 8 moderately advanced, 1 (stage of disease not given), 8 advanced, 2 incipient, and 2 apparently arrested cases left Mayo Clinic for homes.<br>6 advanced, 3 moderately advanced, 1 apparently arrested and 2 (state of disease not given) cases left Mayo Clinic for homes. |
| Pokegama Sanatorium, Pine County.                                   | Frankfort, Spink County, S. Dak.; Naples, Clark County, S. Dak.; Bloomington, Grant County, Wis.  | 3 open cases left the sanatorium for their homes.  |
| Thomas Hospital, Minneapolis, Hennepin County.                      | Badger, Webster County, Iowa; New York, New York County, N. Y.; Killdeer, Dunn County, N. Dak.; Sutton, Griggs County, N. Dak.; Jud, La Moure County, N. Dak.   | 4 open cases left hospital for homes and 1 fatal case removed to home.   |
| <b>Typhoid fever:</b><br>Olivia, Renville County.....               | United States Public Health Service, Chicago, Cook County, Ill.   | Was on boat South American, Lake Michigan, and in Chicago, Ill., 3 weeks previous to first symptoms.   |
| Minneapolis Health Department, Hennepin County.                     | Peever, Roberts County, S. Dak. ....  | Was in Peever, S. Dak., 3 weeks previous to first symptoms.  |
| Two Harbors, Lake County...   | United States Public Health Service...  | Worked as "oiler" on steamer Cadillac on Lakes Erie and Superior 3 weeks previous to first symptoms.   |
| St. Paul Health Department, Ramsey County.                          | R. F. D. No. 11, Dallas, Tex. ....  | Was living on farm near Dallas, Tex., 3 weeks previous to first symptoms.  |
| St. Paul Health Department, Ramsey County.                          | Spring Valley, Pierce County, Wis....   | Was living in Spring Valley, Wis., 3 weeks previous to first symptoms.   |

## ACTINOMYCOSIS.

## Montana Report for August, 1919.

During the month of August, 1919, one case of actinomycosis was reported in Montana.

**ANTHRAX.****California, Massachusetts, Montana, and New York.**

During the month of August, 1919, one case of anthrax was reported in California. During the week ended September 20, 1919, anthrax was reported as follows: Montana, 1 case; Binghamton, N. Y., 1 case and 1 death; Boston, Mass, 2 cases; Chelsea, Mass., 1 case.

**CEREBROSPINAL MENINGITIS.****State Reports for August, 1919.**

| Place.                 | New cases reported. | Place.               | New cases reported. |
|------------------------|---------------------|----------------------|---------------------|
| Alabama:               |                     | Minnesota—Continued. |                     |
| Jefferson County.....  | 2                   | St. Louis County—    |                     |
| Montgomery County..... | 2                   | Aurora.....          | 1                   |
| Total.....             | 4                   | Duluth.....          | 1                   |
| California:            |                     | Total.....           | 5                   |
| Los Angeles County—    |                     | Montana:             |                     |
| Los Angeles.....       | 3                   | Stillwater County—   |                     |
| San Francisco.....     | 1                   | Absarokee.....       | 1                   |
| Total.....             | 4                   | South Dakota:        |                     |
| Minnesota:             |                     | Tripp County.....    | 1                   |
| Cass County—           |                     | Virginia:            |                     |
| Cass Lake.....         | 1                   | Loudoun County—      |                     |
| Hennepin County—       |                     | Middleburg.....      | 1                   |
| Minneapolis.....       | 1                   | Wise County.....     | 1                   |
| Marshall County—       |                     | Total.....           | 2                   |
| Argyle.....            | 1                   |                      |                     |

**City Reports for Week Ended Sept. 20, 1919.**

| Place.                  | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|-------------------------|--------|---------|---------------------------|--------|---------|
| Atlanta, Ga.....        |        | 1       | Morristown, N. J.....     |        | 1       |
| Boston, Mass.....       | 5      | 2       | New York, N. Y.....       | 2      |         |
| Chelsea, Mass.....      | 1      |         | Passaic, N. J.....        | 1      |         |
| Chicago, Ill.....       |        | 1       | Philadelphia, Pa.....     | 1      | 1       |
| Columbus, Ga.....       | 1      |         | Portland, Oreg.....       |        | 1       |
| Detroit, Mich.....      | 1      |         | Providence, R. I.....     |        | 1       |
| Fall River, Mass.....   | 1      | 1       | Quincy, Ill.....          | 1      | 1       |
| Houston, Tex.....       | 1      |         | St. Louis, Mo.....        | 1      |         |
| Los Angeles, Calif..... | 1      |         | San Francisco, Calif..... | 1      |         |
| Memphis, Tenn.....      | 1      |         | Schenectady, N. Y.....    | 1      | 1       |
| Middletown, Ohio.....   | 1      | 1       | Topeka, Kans.....         |        | 1       |
| Milwaukee, Wis.....     | 2      | 2       |                           |        |         |

**DENGUE.****Mississippi—Woodville.**

Dengue has been reported in and around Woodville, Miss. The number of cases was estimated at 150.

**DIPHTHERIA.**

See Telegraphic weekly reports from States, p. 2250; Monthly summaries by States, p. 2254; and Weekly reports from cities, p. 2269.



## INFLUENZA.

## Cases Reported by State Health Officers, Week Ended Oct. 4, 1919.

|                  |    |                    |    |
|------------------|----|--------------------|----|
| Alabama.....     | 16 | Louisiana.....     | 27 |
| Arkansas.....    | 17 | Maine.....         | 6  |
| California.....  | 24 | Massachusetts..... | 59 |
| Connecticut..... | 8  | Montana.....       | 10 |
| Delaware.....    | 1  | New Jersey.....    | 49 |
| Florida.....     | 19 | New Mexico.....    | 21 |
| Georgia.....     | 32 | New York.....      | 49 |
| Illinois.....    | 64 | Virginia.....      | 2  |
| Indiana.....     | 29 | Washington.....    | 5  |
| Iowa.....        | 4  | Wisconsin.....     | 5  |
| Kansas.....      | 29 |                    |    |

## LETHARGIC ENCEPHALITIS.

## California and Illinois.

During the month of August, 1919, one case of lethargic encephalitis was reported in California, and during the week ended September 20, 1919, one case was reported at Chicago, Ill.

## MALARIA.

## State Reports for August, 1919.

| Place.                 | New cases reported. | Place.                  | New cases reported. |
|------------------------|---------------------|-------------------------|---------------------|
| Alabama:               |                     | California—Continued.   |                     |
| Autauga County.....    | 12                  | Fresno County.....      | 1                   |
| Bibb County.....       | 16                  | Clovis.....             | 1                   |
| Bullock County.....    | 1                   | Selma.....              | 2                   |
| Butler County.....     | 4                   | Glenn County—           |                     |
| Calhoun County.....    | 3                   | Orland.....             | 5                   |
| Choctaw County.....    | 7                   | Kern County.....        | 9                   |
| Clarke County.....     | 2                   | Los Angeles County..... | 1                   |
| Colbert County.....    | 1                   | Long Beach.....         | 2                   |
| Geneva County.....     | 1                   | Los Angeles.....        | 6                   |
| Greene County.....     | 98                  | Marin County—           |                     |
| Hale County.....       | 10                  | Fort McDowell.....      | 2                   |
| Henry County.....      | 14                  | Merced County—          |                     |
| Houston County.....    | 100                 | Los Banos.....          | 1                   |
| Jefferson County.....  | 12                  | Placer County.....      | 6                   |
| Lamar County.....      | 1                   | Rochia.....             | 2                   |
| Lawrence County.....   | 2                   | Sacramento County.....  | 6                   |
| Lowndes County.....    | 1                   | Sacramento.....         | 2                   |
| Madison County.....    | 10                  | San Francisco.....      | 2                   |
| Marshall County.....   | 1                   | San Joaquin County—     |                     |
| Mobile County.....     | 2                   | Lodi.....               | 1                   |
| Montgomery County..... | 14                  | Stockton.....           | 1                   |
| Pickens County.....    | 38                  | Sonoma County.....      | 1                   |
| Pike County.....       | 1                   | Shasta County.....      | 43                  |
| Talladega County.....  | 5                   | Redding.....            | 5                   |
| Tuscaloosa County..... | 50                  | Siskiyou County—        |                     |
| Wilcox County.....     | 1                   | Dunsmlr.....            | 4                   |
| Total.....             | 407                 | Sutter County.....      | 1                   |
| California:            |                     | Telhama County.....     | 2                   |
| Alameda County—        |                     | Red Bluff.....          | 2                   |
| Alameda.....           | 2                   | Tulare County.....      | 1                   |
| Berkeley.....          | 1                   | Dinuba.....             | 1                   |
| Oakland.....           | 1                   | Lindsay.....            | 1                   |
| Amador County—         |                     | Tuolumne County.....    | 1                   |
| Sutter Creek.....      | 2                   | Total.....              | 133                 |
| Butte County—          |                     | Minnesota:              |                     |
| Gridley.....           | 2                   | Hennepin County—        |                     |
| Calaveras County.....  | 4                   | Minneapolis.....        | 1                   |
| Angels Camp.....       | 5                   | Montana:                |                     |
| Colusa County.....     | 3                   | Lewis and Clark County— |                     |
| Colusa.....            | 1                   | Helena.....             | 1                   |

## MALARIA—Continued.

## State Reports for August, 1919—Continued.

| Place.                     | New cases reported. | Place.                     | New cases reported. |
|----------------------------|---------------------|----------------------------|---------------------|
| Virginia:                  |                     | Virginia—Continued.        |                     |
| Accomack County.....       | 34                  | Mathews County.....        | 3                   |
| Bloxom.....                | 6                   | Mecklenburg County.....    | 7                   |
| Exmore.....                | 2                   | Middlesex County.....      | 8                   |
| New Church.....            | 4                   | Nansemond County.....      | 20                  |
| Tangier.....               | 2                   | Holland.....               | 2                   |
| Alexandria County.....     | 10                  | Suffolk.....               | 9                   |
| Potomac.....               | 1                   | Northampton County.....    | 26                  |
| Alleghany County.....      | 2                   | Cape Charles.....          | 11                  |
| Clifton Forge.....         | 2                   | Northumberland County..... | 11                  |
| Amelia County.....         | 1                   | Nottoway County.....       | 2                   |
| Amherst County.....        | 3                   | Page County.....           | 1                   |
| Bedford County.....        | 1                   | Philsylvania County.....   | 14                  |
| Brunswick County.....      | 24                  | Chatham.....               | 2                   |
| Lawrenceville.....         | 2                   | Powhatan County.....       | 8                   |
| Campbell County.....       | 3                   | Princess Anne County.....  | 23                  |
| Caroline County.....       | 21                  | Prince Edward County.....  | 1                   |
| Charles City County.....   | 8                   | Prince George County.....  | 3                   |
| Chesterfield County.....   | 5                   | Hopewell.....              | 5                   |
| Winterpock.....            | 1                   | Prince William County..... | 4                   |
| Cumberland County.....     | 2                   | Richmond County.....       | 5                   |
| Dinwiddie County.....      | 2                   | Warsaw.....                | 5                   |
| Elizabeth City County..... | 1                   | Roanoke County.....        | 4                   |
| Fairfax County.....        | 2                   | Rockingham County.....     |                     |
| Glooucester County.....    | 12                  | Harrisonburg.....          | 1                   |
| Greensville County.....    | 41                  | Southampton County.....    | 32                  |
| Emporia.....               | 10                  | Franklin.....              | 13                  |
| North Emporia.....         | 6                   | Spotsylvania County.....   | 1                   |
| Halifax County.....        | 1                   | Stafford County.....       | 2                   |
| Virgilina.....             | 1                   | Falmouth.....              | 8                   |
| Hanover County.....        | 27                  | Surry County.....          |                     |
| Henrico County.....        | 5                   | Dendron.....               | 4                   |
| Isle of Wight County.....  | 15                  | Surry.....                 | 2                   |
| James City County.....     | 37                  | Sussex County.....         | 10                  |
| Williamsburg.....          | 4                   | Stony Creek.....           | 2                   |
| King George County.....    | 12                  | Wakefield.....             | 2                   |
| King William County.....   | 1                   | Waverly.....               | 2                   |
| West Point.....            | 4                   | Warwick County.....        | 41                  |
| Lancaster County.....      | 5                   | York County.....           | 7                   |
| Loudoun County.....        |                     |                            |                     |
| Hamilton.....              | 3                   | Total.....                 | 641                 |
| Louisa County.....         | 5                   |                            |                     |
| Lunenburg County.....      | 8                   |                            |                     |
| Kenbridge.....             | 1                   |                            |                     |
| Victoria.....              | 3                   |                            |                     |

## City Reports for Week Ended Sept. 20, 1919.

| Place.                | Cases. | Deaths. | Place.               | Cases. | Deaths. |
|-----------------------|--------|---------|----------------------|--------|---------|
| Alexandria, La.....   | 4      | .....   | Montgomery, Ala..... |        | 1       |
| Atlanta, Ga.....      | 1      | .....   | Newark, N. J.....    | 1      | .....   |
| Baton Rouge, La.....  | 2      | .....   | New Orleans, La..... |        | 1       |
| Birmingham, Ala.....  |        | 1       | Norfolk, Va.....     | 1      | .....   |
| Brunswick, Ga.....    | 1      | .....   | Oakland, Calif.....  | 1      | .....   |
| Charleston, S. C..... |        | 1       | Quincy, Ill.....     | 1      | .....   |
| Columbus, Ga.....     | 3      | .....   | Redlands, Calif..... | 1      | .....   |
| Dallas, Tex.....      | 19     | .....   | Rome, Ga.....        | 3      | .....   |
| Little Rock, Ark..... | 5      | .....   | Tuscaloosa, Ala..... | 2      | .....   |
| Memphis, Tenn.....    |        | 1       | Waco, Tex.....       | 1      | .....   |

## MEASLES.

See Telegraphic weekly reports from States, p. 2550; Monthly summaries by States, p. 2554; and Weekly reports from cities, p. 2269.

## PELLAGRA.

## State Reports for August, 1919.

| Place.                       | New cases reported. | Place.                      | New cases reported. |
|------------------------------|---------------------|-----------------------------|---------------------|
| <b>Alabama:</b>              |                     | <b>Louisiana—Continued.</b> |                     |
| Barbour County.....          | 1                   | Tensas Parish.....          | 1                   |
| Bibb County.....             | 1                   | Vernon Parish.....          | 1                   |
| Calhoun County.....          | 1                   | Total.....                  | 25                  |
| Chambers County.....         | 1                   |                             |                     |
| Clay County.....             | 1                   | <b>Maine:</b>               |                     |
| Cleburne County.....         | 1                   | Hancock County—             |                     |
| Coffee County.....           | 1                   | Bar Harbor.....             | 1                   |
| Dekalb County.....           | 1                   |                             |                     |
| Etowah County.....           | 1                   | <b>Minnesota:</b>           |                     |
| Greene County.....           | 1                   | Olmsted County—             |                     |
| Houston County.....          | 1                   | Farmington Township.....    | 1                   |
| Jackson County.....          | 2                   |                             |                     |
| Jefferson County.....        | 5                   | <b>Virginia:</b>            |                     |
| Lowndes County.....          | 1                   | Brunswick County.....       | 3                   |
| Marshall County.....         | 1                   | Giles County.....           | 1                   |
| Mobile County.....           | 5                   | Hanover County.....         | 1                   |
| Montgomery County.....       | 1                   | Henrico County.....         | 1                   |
| Morgan County.....           | 2                   | Henry County—               |                     |
| Perry County.....            | 1                   | Martinsville.....           | 1                   |
| Randolph County.....         | 2                   | James City County.....      | 1                   |
| Sumter County.....           | 1                   | Williamsburg.....           | 1                   |
| Talladega County.....        | 2                   | Lee County.....             | 1                   |
| Tuscaloosa County.....       | 4                   | Louisa County.....          | 1                   |
| Wilcox County.....           | 3                   | Mecklenburg County.....     | 1                   |
| Total.....                   | 41                  | Montgomery County—          |                     |
| <b>California:</b>           |                     | Cambria.....                | 1                   |
| Sacramento.....              | 1                   | Nansemond County.....       | 5                   |
| Ventura County—              |                     | Suffolk.....                | 1                   |
| Santa Paula.....             | 1                   | Northumberland County.....  | 2                   |
| Total.....                   | 2                   | Pittsylvania County.....    | 1                   |
|                              |                     | Princess Anne County.....   | 1                   |
| <b>Louisiana:</b>            |                     | Prince George County—       |                     |
| Beauregard Parish.....       | 3                   | Hopewell.....               | 1                   |
| Bienville Parish.....        | 1                   | Rockbridge County.....      | 2                   |
| Calhoun Parish.....          | 1                   | Spotsylvania County.....    | 1                   |
| Concordia Parish.....        | 1                   | Surry County.....           | 1                   |
| East Baton Rouge Parish..... | 2                   | Washington County.....      | 3                   |
| Franklin Parish.....         | 1                   | Wise County.....            | 1                   |
| Morehouse Parish.....        | 4                   | Stonega.....                | 1                   |
| Orleans Parish.....          | 5                   | York County.....            | 1                   |
| Pointe Coupee Parish.....    | 1                   | Total.....                  | 34                  |
| Richland Parish.....         | 3                   |                             |                     |
| St. Mary Parish.....         | 1                   | <b>West Virginia:</b>       |                     |
|                              |                     | Lewis County.....           | 1                   |

## City Reports for Week Ended Sept. 20, 1919.

| Place.               | Cases. | Deaths. | Place.                 | Cases. | Deaths. |
|----------------------|--------|---------|------------------------|--------|---------|
| Anniston, Ala.....   | 4      | .....   | New Orleans, La.....   | 1      | 1       |
| Baton Rouge, La..... | 1      | 1       | Sacramento, Calif..... |        | 1       |
| Memphis, Tenn.....   | 1      | 1       |                        |        |         |

## PNEUMONIA.

## City Reports for Week Ended Sept. 20, 1919.

| Place.               | Lobar. |         | All forms. |         | Place.                 | Lobar. |         | All forms. |         |
|----------------------|--------|---------|------------|---------|------------------------|--------|---------|------------|---------|
|                      | Cases. | Deaths. | Cases.     | Deaths. |                        | Cases. | Deaths. | Cases.     | Deaths. |
| Ann Arbor, Mich.     |        | 1       |            |         | Lynn, Mass.            | 1      | 1       |            |         |
| Atlanta, Ga.         | 2      | 3       |            |         | Malden, Mass.          |        | 1       |            |         |
| Atlantic City, N. J. | 1      |         |            |         | Manchester, N. H.      |        | 1       |            |         |
| Baltimore, Md.       | 5      | 7       |            |         | Manitowoc, Wis.        | 1      |         |            |         |
| Baton Rouge, La.     |        |         | 1          | 1       | Minneapolis, Minn.     |        |         |            | 1       |
| Berkeley, Calif.     | 2      |         |            |         | Montclair, N. J.       |        |         |            |         |
| Birmingham, Ala.     |        | 1       |            |         | Morgantown, W. Va.     | 1      |         |            |         |
| Bloomfield, N. J.    |        | 1       |            |         | Morristown, N. J.      | 1      |         |            |         |
| Boston, Mass.        | 12     | 3       |            |         | Nashville, Tenn.       |        | 1       |            |         |
| Bridgeport, Conn.    |        | 4       |            |         | Newark, N. J.          | 11     | 4       |            |         |
| Buffalo, N. Y.       | 2      | 3       |            |         | Newburyport, Mass.     |        |         |            | 1       |
| Cambridge, Mass.     | 3      | 2       |            |         | New Haven, Conn.       |        |         |            | 3       |
| Charleston, W. Va.   |        | 1       |            |         | New Orleans, La.       |        | 3       |            |         |
| Charlotte, N. C.     | 1      | 1       |            |         | New York, N. Y.        |        |         | 6          | 25      |
| Chelsea, Mass.       | 1      | 1       |            |         | Norfolk, Va.           | 2      |         |            |         |
| Chicago, Ill.        |        |         | 64         | 17      | North Tonawanda, N. Y. |        | 1       |            |         |
| Cincinnati, Ohio.    |        | 2       |            |         | Norwalk, Conn.         |        |         |            | 1       |
| Cleveland, Ohio.     | 7      | 8       |            |         | Oakland, Calif.        | 3      | 3       |            |         |
| Clinton, Mass.       | 1      |         |            |         | Omaha, Nebr.           |        |         |            | 6       |
| Columbus, Ga.        | 1      | 1       |            |         | Orange, N. J.          |        | 1       |            |         |
| Columbus, Ohio.      |        | 1       |            |         | Pasadena, Calif.       | 1      |         |            |         |
| Dayton, Ohio.        | 1      |         |            |         | Pateron, N. J.         |        |         | 3          |         |
| Denver, Colo.        |        | 1       |            | 4       | Philadelphia, Pa.      | 37     | 10      |            |         |
| Detroit, Mich.       | 4      | 5       | 9          | 8       | Plainfield, N. J.      |        | 1       |            |         |
| Dubuque, Iowa.       |        | 1       |            |         | Pontiac, Mich.         | 1      |         |            |         |
| Duluth, Minn.        | 1      |         |            |         | Port Chester, N. Y.    |        | 1       |            |         |
| Elizabeth, N. J.     |        |         |            | 2       | Portland, Oreg.        |        | 4       |            |         |
| Englewood, N. J.     | 1      | 1       |            |         | Quincy, Ill.           | 1      |         |            |         |
| Fort Worth, Tex.     | 1      | 1       |            |         | Roanoke, Va.           | 1      | 1       |            |         |
| Hartford, Conn.      | 1      |         |            |         | Rochester, N. Y.       | 6      | 3       |            |         |
| Haverhill, Mass.     | 1      |         |            |         | Rome, N. Y.            | 1      |         |            |         |
| Hoboken, N. J.       |        | 1       |            |         | Sacramento, Calif.     |        |         |            | 2       |
| Holyoke, Mass.       | 1      |         |            |         | Saginaw, Mich.         |        |         |            | 1       |
| Independence, Mo.    |        |         | 1          | 1       | St. Joseph, Mo.        | 1      |         |            |         |
| Ithaca, N. Y.        | 1      |         |            |         | San Francisco, Calif.  | 8      | 3       |            |         |
| Jamestown, N. Y.     |        | 1       |            |         | Saugus, Mass.          |        |         |            | 1       |
| Kalamazoo, Mich.     | 1      | 1       |            |         | Savannah, Ga.          |        |         |            | 1       |
| Kansas City, Kans.   | 1      |         |            |         | Somerville, Mass.      | 1      |         |            |         |
| Kansas City, Mo.     |        |         | 1          | 5       | Springfield, Mass.     | 1      |         |            |         |
| Lackawanna, N. Y.    | 3      |         |            |         | Syracuse, N. Y.        |        |         |            | 3       |
| La Crosse, Wis.      |        | 1       |            |         | Taunton, Mass.         |        | 1       |            |         |
| Leavenworth, Kans.   | 1      |         |            |         | Tiffin, Ohio.          | 1      |         |            |         |
| Little Rock, Ark.    | 1      |         |            |         | Toledo, Ohio.          | 1      |         |            |         |
| Long Beach, Calif.   | 1      |         |            |         | Washington, D. C.      |        |         |            | 9       |
| Los Angeles, Calif.  |        |         | 7          | 3       | Wilmington, Del.       |        | 1       |            |         |
| Louisville, Ky.      | 2      |         |            |         | Worcester, Mass.       | 1      | 4       |            |         |
| Lowell, Mass.        | 2      |         |            |         | Youngstown, Ohio.      |        | 1       |            |         |

## POLIOMYELITIS (INFANTILE PARALYSIS).

## State Reports for August, 1919.

| Place.                 | New cases reported. | Place.                    | New cases reported. |
|------------------------|---------------------|---------------------------|---------------------|
| <b>California:</b>     |                     | <b>Minnesota:</b>         |                     |
| Los Angeles County—    |                     | Aitkin County—            |                     |
| Claremont.....         | 1                   | McGregor.....             | 1                   |
| Los Angeles.....       | 2                   | Spencer township.....     | 1                   |
| San Mateo County—      |                     | Benton County—            |                     |
| Redwood.....           | 1                   | Mayhew Lake Township..... | 1                   |
| Total.....             | 4                   | Cass County—              |                     |
| <b>Indiana:</b>        |                     | Sylvan Township.....      | 2                   |
| DeKalb County.....     | 1                   | Wilson Township.....      | 1                   |
| Noble County.....      | 1                   | Crow Wing County—         |                     |
| Porter County.....     | 1                   | Brainerd.....             | 8                   |
| St. Joseph County..... | 1                   | Crosby.....               | 1                   |
| Total.....             | 4                   | Irondale Township.....    | 1                   |
|                        |                     | Section 19.....           | 1                   |
|                        |                     | Hennepin County—          |                     |
|                        |                     | Minneapolis.....          | 1                   |
|                        |                     | St. Louis Park.....       | 1                   |
|                        |                     | Hassan Township.....      | 1                   |

**POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.****State Reports for August, 1919—Continued.**

| Place.                      | New cases reported. | Place.                 | New cases reported. |
|-----------------------------|---------------------|------------------------|---------------------|
| <b>Minnesota—Continued.</b> |                     | <b>South Dakota:</b>   |                     |
| Martin County—              |                     | Hanson County.....     | 1                   |
| Fairmont.....               | 1                   |                        |                     |
| Silver Lake Township.....   | 1                   | <b>Virginia:</b>       |                     |
| Norman County—              |                     | Alleghany County—      |                     |
| Rockwell Township.....      | 1                   | Selma.....             | 1                   |
| Rock County—                |                     | Buchanan County—       |                     |
| Luverne.....                | 1                   | Grundy.....            | 1                   |
| St. Louis County—           |                     | Dickenson County.....  | 1                   |
| Eveleth.....                | 1                   | Henrico County.....    | 1                   |
| Wadena County—              |                     | Richmond.....          | 2                   |
| Menahga.....                | 1                   | Henry County.....      | 1                   |
| Winona County—              |                     | Pittsylvania County—   |                     |
| New Hartford Township.....  | 1                   | Schofield.....         | 1                   |
| Total.....                  | 27                  | Pulaski County.....    | 2                   |
|                             |                     | Tazewell County.....   | 1                   |
| <b>Montana:</b>             |                     | Washington County..... | 9                   |
| Hill County—                |                     | Wise County—           |                     |
| Chester.....                | 1                   | Big Stone Gap.....     | 1                   |
| Silverbow County—           |                     | Total.....             | 21                  |
| Butte (R. D.).....          | 1                   |                        |                     |
| Total.....                  | 2                   | <b>Wyoming:</b>        |                     |
|                             |                     | Sweetwater County..... | 1                   |

**City Reports for Week Ended Sept. 20, 1919.**

| Place.                | Cases. | Deaths. | Place.              | Cases. | Deaths. |
|-----------------------|--------|---------|---------------------|--------|---------|
| Baltimore, Md.....    | 7      | 1       | New York, N. Y..... | 2      |         |
| Birmingham, Ala.....  |        | 1       | Pittsburgh, Pa..... | 2      |         |
| Bluefield, W. Va..... | 3      |         | Portland, Oreg..... | 1      |         |
| Dallas, Tex.....      | 1      |         | Richmond, Va.....   | 3      |         |
| Detroit, Mich.....    |        | 1       | Roanoke, Va.....    | 1      |         |
| Flint, Mich.....      | 1      |         | St. Joseph, Mo..... | 1      |         |
| Kansas City, Mo.....  | 2      |         | Wichita, Kans.....  | 1      |         |
| Milwaukee, Wis.....   | 1      |         | Yonkers, N. Y.....  |        | 1       |

**RABIES IN ANIMALS.****City Reports for Week Ended Sept. 20, 1919.**

| Place.                | Cases. | Place.                    | Cases. |
|-----------------------|--------|---------------------------|--------|
| Akron, Ohio.....      | 1      | Kansas City, Mo.....      | 2      |
| Dayton, Ohio.....     | 1      | Memphis, Tenn.....        | 1      |
| Independence, Mo..... | 1      | San Francisco, Calif..... | 1      |

**RABIES IN MAN.****Cleveland, Ohio, Kansas City, Mo., and Philadelphia, Pa.**

During the week ended September 20, 1919, rabies in man was reported as follows: Cleveland, Ohio, one case and one death; Kansas City, Mo., one case and one death; Philadelphia, Pa., one death.

**SCARLET FEVER.**

See Telegraphic weekly reports from States, p. 2250; Monthly summaries by States, p. 2254; and Weekly reports from cities, p. 2269.



## SMALLPOX.

## State Reports for August, 1919—Vaccination Histories.

| Place.                     | New cases reported. | Deaths. | Vaccination history of cases.                      |  |                                       |  |
|----------------------------|---------------------|---------|--|--|---------------------------------------|--|
|                            |                     |         | Number vaccinated within 7 years preceding attack. | Number last vaccinated more than 7 years preceding attack. | Number never successfully vaccinated. | Vaccination history not obtained or uncertain. |
| <b>California:</b>         |                     |         |  |  |                                       |  |
| Alameda County—            |                     |         |  |  |                                       |  |
| Berkeley.....              | 1                   |         |  |  | 1                                     |  |
| Oakland.....               | 6                   |         |  | 1  | 4                                     | 1  |
| Butte County—              |                     |         |  |  |                                       |  |
| Chico.....                 | 1                   |         |  |  | 1                                     |  |
| Contra Costa County.....   | 1                   |         |  |  |                                       | 1  |
| Humboldt County.....       | 7                   |         |  |  | 7                                     |  |
| Blue Lake.....             | 1                   |         |  |  | 1                                     |  |
| Imperial County—           |                     |         |  |  |                                       |  |
| El Centro.....             | 1                   |         |  | 1  |                                       |  |
| Los Angeles County.....    | 4                   |         |  |  | 4                                     |  |
| Long Beach.....            | 5                   |         |  |  | 5                                     |  |
| Los Angeles.....           | 2                   |         |  |  | 2                                     |  |
| Monterey County.....       | 5                   |         |  |  | 5                                     |  |
| Carmel.....                | 4                   |         |  |  | 4                                     |  |
| Salinas.....               | 7                   |         |  |  | 7                                     |  |
| Orange County—             |                     |         |  |  |                                       |  |
| Orange.....                | 1                   |         |  |  | 1                                     |  |
| Riverside County.....      | 1                   |         |  |  | 1                                     |  |
| Sacramento County—         |                     |         |  |  |                                       |  |
| Sacramento.....            | 1                   |         | 1  |  |                                       |  |
| San Bernardino County..... | 2                   |         |  |  | 2                                     |  |
| Redlands.....              | 9                   |         |  |  | 9                                     |  |
| San Diego County—          |                     |         |  |  |                                       |  |
| La Mesa.....               | 1                   |         |  |  | 1                                     |  |
| San Diego.....             | 19                  |         | 1  |  | 18                                    |  |
| San Francisco.....         | 12                  |         |  | 1  | 10                                    | 1  |
| San Joaquin County.....    | 2                   |         |  | 1  | 1                                     |  |
| Stockton.....              | 7                   |         |  |  | 6                                     |  |
| Santa Barbara County—      |                     |         |  |  |                                       |  |
| Santa Maria.....           | 9                   |         |  |  | 9                                     |  |
| Santa Barbara.....         | 1                   |         |  |  |                                       | 1  |
| Santa Cruz County—         |                     |         |  |  |                                       |  |
| Santa Cruz.....            | 2                   |         |  |  | 2                                     |  |
| Santa Clara County.....    | 4                   |         |  |  | 2                                     | 2  |
| San Jose.....              | 3                   |         | 1  |  | 2                                     |  |
| Solano County.....         | 1                   |         |  |  | 1                                     |  |
| Sonoma County.....         | 1                   |         |  |  |                                       | 1  |
| Santa Rosa.....            | 1                   |         |  |  | 1                                     |  |
| Tulare County.....         | 1                   |         |  | 1  |                                       |  |
| Porterville.....           | 3                   |         | 1  | 1  | 1                                     |  |
| Total.....                 | 126                 |         | 4  | 6  | 108                                   | 8  |
| <b>Minnesota:</b>          |                     |         |  |  |                                       |  |
| Dakota County—             |                     |         |  |  |                                       |  |
| South St. Paul.....        | 2                   |         |  |  | 1                                     | 1  |
| Rosemount Township.....    | 1                   |         |  |  | 1                                     |  |
| Faribault County—          |                     |         |  |  |                                       |  |
| Blue Earth.....            | 1                   |         |  |  | 1                                     |  |
| Hennepin County—           |                     |         |  |  |                                       |  |
| Minneapolis.....           | 16                  |         |  | 4  | 12                                    |  |
| Lincoln County—            |                     |         |  |  |                                       |  |
| Lake Stay Township.....    | 3                   |         |  |  | 3                                     |  |
| Lyon County—               |                     |         |  |  |                                       |  |
| Tracy.....                 | 1                   |         |  |  | 1                                     |  |
| Morrison County—           |                     |         |  |  |                                       |  |
| Little Falls.....          | 1                   |         |  |  | 1                                     |  |
| Olmsted County—            |                     |         |  |  |                                       |  |
| Rochester.....             | 1                   |         |  |  | 1                                     |  |
| Ottertail County—          |                     |         |  |  |                                       |  |
| Fergus Falls.....          | 4                   |         |  |  | 3                                     | 1  |
| Aastad Township.....       | 1                   |         |  |  | 1                                     |  |
| Buse Township.....         | 1                   |         |  |  | 1                                     |  |
| Ramsey County—             |                     |         |  |  |                                       |  |
| St. Paul.....              | 5                   |         |  |  | 5                                     |  |
| Stearns County—            |                     |         |  |  |                                       |  |
| St. Cloud.....             | 28                  |         |  |  | 27                                    | 1  |
| Todd County—               |                     |         |  |  |                                       |  |
| Staples.....               | 1                   |         |  |  | 1                                     |  |
| Traverse County—           |                     |         |  |  |                                       |  |
| Dumont.....                | 1                   |         |  |  | 1                                     |  |
| Croke Township.....        | 4                   |         |  |  | 4                                     |  |

## SMALLPOX—Continued.

## State Reports for August, 1919—Vaccination Histories—Continued.

| Place.                     | New cases reported. | Deaths. | Vaccination history of cases.                      |  |                                       |  |
|----------------------------|---------------------|---------|--|--|---------------------------------------|--|
|                            |                     |         | Number vaccinated within 7 years preceding attack. | Number last vaccinated more than 7 years preceding attack. | Number never successfully vaccinated. | Vaccination history not obtained or uncertain. |
| Minnesota—Continued.       |                     |         |  |  |                                       |  |
| Wright County—             |                     |         |  |  |                                       |  |
| Silver Creek Township..... | 1                   |         |  |  | 1                                     |  |
| Total.....                 | 72                  |         |  | 4  | 65                                    | 3  |
| Montana:                   |                     |         |  |  |                                       |  |
| Beaverhead County—         |                     |         |  |  |                                       |  |
| Armstead.....              | 1                   |         |  |  |                                       | 1  |
| Lewis and Clark County—    |                     |         |  |  |                                       |  |
| Helena.....                | 2                   |         |  |  | 2                                     |  |
| Roosevelt County—          |                     |         |  |  |                                       |  |
| Wolf Point (R. D.).....    | 4                   |         |  |  | 4                                     |  |
| Yellowstone County—        |                     |         |  |  |                                       |  |
| Billings.....              | 1                   |         |  |  | 1                                     |  |
| Total.....                 | 8                   |         |  |  | 7                                     | 1  |

## State Reports for July and August, 1919.

| Place.                 | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|------------------------|--------|---------|---------------------------|--------|---------|
| Alabama (August):      |        |         | Virginia (August):        |        |         |
| Autauga County.....    | 10     |         | Accomac County.....       | 8      |         |
| Bibb County.....       | 1      |         | Alleghany County—         |        |         |
| Calhoun County.....    | 1      |         | Covington.....            | 5      |         |
| Cullman County.....    | 1      |         | Bath County.....          | 1      |         |
| Geneva County.....     | 4      |         | Hot Springs.....          | 1      |         |
| Jefferson County.....  | 3      |         | Campbell County—          |        |         |
| Mobile County.....     | 1      |         | Altavista.....            | 1      |         |
| Pickens County.....    | 1      |         | Diekenson County.....     | 1      |         |
| Total.....             | 22     |         | Dinwiddie County.....     | 1      |         |
| Indiana (August):      |        |         | McKenny.....              | 1      |         |
| Allen County.....      | 1      |         | Floyd County.....         | 2      |         |
| Cass County.....       | 22     |         | James City County.....    | 1      |         |
| Delaware County.....   | 3      |         | Lee County—               |        |         |
| Fountain County.....   | 1      |         | Keokee.....               | 4      |         |
| Howard County.....     | 6      |         | Mecklenburg County.....   | 12     |         |
| Huntington County..... | 2      |         | Montgomery County.....    | 2      |         |
| Jackson County.....    | 2      |         | Pittsylvania County—      |        |         |
| Lake County.....       | 7      |         | Danville.....             | 1      |         |
| Laporte County.....    | 15     |         | Prince Edward County..... | 6      |         |
| Madison County.....    | 2      |         | Roanoke County—           |        |         |
| Marion County.....     | 3      |         | Roanoke.....              | 3      |         |
| Miami County.....      | 1      |         | Rockingham County.....    | 8      |         |
| Parke County.....      | 4      |         | Warren County.....        | 3      |         |
| Randolph County.....   | 1      |         | Wise County.....          | 1      |         |
| Ripley County.....     | 3      |         | Total.....                | 62     |         |
| Tipton County.....     | 1      |         | Wyoming (July):           |        |         |
| Vigo County.....       | 3      |         | Laramie County.....       | 3      |         |
| Total.....             | 77     |         | Converse, County.....     | 1      |         |
| South Dakota (August): |        |         | Albany County.....        | 1      |         |
| Beadle County.....     | 6      |         | Big Horn County.....      | 1      |         |
| Bon Homme County.....  | 1      |         | Niobrara County.....      | 4      |         |
| Codington County.....  | 1      |         | Campbell County.....      | 4      |         |
| Fall River County..... | 6      |         | Sheridan County.....      | 4      |         |
| Hamlin County.....     | 1      |         | Fremont County.....       | 1      |         |
| Kingsbury County.....  | 1      |         | Total.....                | 19     |         |
| Lawrence County.....   | 2      |         | Wyoming (August):         |        |         |
| Minnehaha County.....  | 3      |         | Albany County.....        | 1      |         |
| Sully County.....      | 6      |         |                           |        |         |
| Tripp County.....      | 2      | 2       |                           |        |         |
| Union County.....      | 1      |         |                           |        |         |
| Yankton County.....    | 7      |         |                           |        |         |
| Total.....             | 37     | 2       |                           |        |         |

## SMALLPOX—Continued.

## City Reports for Week Ended Sept. 20, 1919.

| Place.                   | Cases. | Deaths. | Place.                    | Cases. | Deaths. |
|--------------------------|--------|---------|---------------------------|--------|---------|
| Aberdeen, Wash.....      | 1      | .....   | Minneapolis, Minn.....    | 5      | .....   |
| Baton Rouge, La.....     | 1      | .....   | Morgantown, W. Va.....    | 1      | .....   |
| Bellingham, Wash.....    | 4      | .....   | Niagara Falls, N. Y.....  | 1      | .....   |
| Berlin, N. H.....        | 1      | .....   | Oakland, Calif.....       | 1      | .....   |
| Charleston, W. Va.....   | 1      | .....   | Ogden, Utah.....          | 1      | .....   |
| Cincinnati, Ohio.....    | 2      | .....   | Omaha, Nebr.....          | 3      | .....   |
| Cleveland, Ohio.....     | 7      | .....   | Peoria, Ill.....          | 1      | .....   |
| Danville, Va.....        | 4      | .....   | Pittsburgh, Pa.....       | 1      | .....   |
| Davenport, Iowa.....     | 2      | .....   | Portland, Oreg.....       | 6      | .....   |
| Denver, Colo.....        | 3      | .....   | Portsmouth, Ohio.....     | 2      | .....   |
| Des Moines, Iowa.....    | 4      | .....   | Racine, Wis.....          | 2      | .....   |
| Detroit, Mich.....       | 2      | .....   | Richmond, Va.....         | 1      | .....   |
| East St. Louis, Ill..... | 2      | .....   | Rocky Mount, N. C.....    | 1      | .....   |
| Eureka, Calif.....       | 8      | .....   | St. Joseph, Mo.....       | 2      | .....   |
| Findlay, Ohio.....       | 1      | .....   | St. Paul, Minn.....       | 1      | .....   |
| Fond du Lac, Wis.....    | 3      | .....   | San Francisco, Calif..... | 1      | .....   |
| Grand Rapids, Mich.....  | 2      | .....   | Spokane, Wash.....        | 4      | .....   |
| Ironwood, Mich.....      | 5      | .....   | Superior, Wis.....        | 1      | .....   |
| Kenosha, Wis.....        | 1      | .....   | Tiffin, Ohio.....         | 1      | .....   |
| La Fayette, Ind.....     | 4      | .....   | Vallejo, Calif.....       | 1      | .....   |
| Leavenworth, Kans.....   | 1      | .....   | Wichita, Kans.....        | 2      | .....   |
| Logansport, Ind.....     | 4      | .....   | Yakima, Wash.....         | 1      | .....   |
| Los Angeles, Calif.....  | 1      | .....   | Youngstown, Ohio.....     | 3      | .....   |
| Madison, Wis.....        | 2      | .....   | Zanesville, Ohio.....     | 1      | .....   |
| Milwaukee, Wis.....      | 1      | .....   |                           |        |         |

## TETANUS.

## City Reports for Week Ended Sept. 20, 1919.

| Place.                | Cases. | Deaths. | Place.                | Cases. | Deaths. |
|-----------------------|--------|---------|-----------------------|--------|---------|
| Charleston S. C.....  | .....  | 1       | New Orleans, La.....  | 1      | .....   |
| Chicago, Ill.....     | 1      | .....   | Newport, R. I.....    | .....  | 1       |
| Columbus, Ohio.....   | .....  | 1       | Oshkosh, Wis.....     | .....  | 1       |
| Covington, Ky.....    | 1      | .....   | Pittsfield, Mass..... | .....  | 1       |
| Detroit, Mich.....    | 1      | .....   | Portsmouth, Va.....   | .....  | 1       |
| Madison, Wis.....     | .....  | 1       | St. Louis, Mo.....    | 1      | 2       |
| Morristown, N. J..... | .....  | 1       | Waterbury, Conn.....  | 2      | .....   |

## TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 2250, and Weekly reports from cities, p. 2269.

## TYPHOID FEVER.

## State Reports for July and August, 1919.

| Place.               | New cases reported. | Place.                      | New cases reported. |
|----------------------|---------------------|-----------------------------|---------------------|
| Alabama (August):    |                     | Alabama (August)—Continued. |                     |
| Autauga County.....  | 1                   | Dallas County.....          | 1                   |
| Baldwin County.....  | 1                   | Etowah County.....          | 3                   |
| Barbour County.....  | 2                   | Franklin County.....        | 2                   |
| Bibb County.....     | 1                   | Greene County.....          | 1                   |
| Calhoun County.....  | 7                   | Henry County.....           | 3                   |
| Chambers County..... | 1                   | Houston County.....         | 3                   |
| Chilton County.....  | 2                   | Jackson County.....         | 1                   |
| Clay County.....     | 1                   | Jefferson County.....       | 56                  |
| Cleburne County..... | 5                   | Lamar County.....           | 2                   |
| Coffee County.....   | 4                   | Lee County.....             | 4                   |
| Colbert County.....  | 1                   | Limestone County.....       | 3                   |
| Conecuh County.....  | 2                   | Macon County.....           | 1                   |
| Coosa County.....    | 1                   | Madison County.....         | 13                  |
| Cullman County.....  | 2                   | Marion County.....          | 1                   |

## TYPHOID FEVER—Continued.

## State Reports for July and August, 1919—Continued.

| Place.                      | New cases reported. | Place.                      | New cases reported. |
|-----------------------------|---------------------|-----------------------------|---------------------|
| Alabama (August)—Continued. |                     | Indiana (August)—Continued. |                     |
| Marshall County.....        | 1                   | Decatur County.....         | 2                   |
| Mobile County.....          | 9                   | Delaware County.....        | 4                   |
| Montgomery County.....      | 6                   | Dubois County.....          | 8                   |
| Morgan County.....          | 3                   | Elkhart County.....         | 1                   |
| Pickens County.....         | 3                   | Fayette County.....         | 1                   |
| Pike County.....            | 1                   | Floyd County.....           | 1                   |
| Randolph County.....        | 2                   | Fountain County.....        | 2                   |
| Shelby County.....          | 1                   | Grant County.....           | 2                   |
| Talladega County.....       | 5                   | Green County.....           | 1                   |
| Tallapoosa County.....      | 2                   | Hancock County.....         | 2                   |
| Tuscaloosa County.....      | 5                   | Huntington County.....      | 1                   |
| Walker County.....          | 4                   | Jackson County.....         | 4                   |
| Winston County.....         | 2                   | Jennings County.....        | 3                   |
| Total.....                  | 169                 | Johnson County.....         | 2                   |
| California (August):        |                     | Knox County.....            | 3                   |
| Alameda County—             |                     | Kosciusko County.....       | 1                   |
| Berkeley.....               | 2                   | Lake County.....            | 1                   |
| Oakland.....                | 2                   | Lawrence County.....        | 4                   |
| Butte County—               |                     | Madison County.....         | 4                   |
| Chico.....                  | 1                   | Marion County.....          | 14                  |
| Contra Costa County—        |                     | Monroe County.....          | 2                   |
| Concord.....                | 1                   | Morgan County.....          | 1                   |
| Pinole.....                 | 1                   | Noble County.....           | 6                   |
| Richmond.....               | 1                   | Owen County.....            | 3                   |
| Colusa County.....          | 1                   | Parke County.....           | 1                   |
| El Dorado County—           |                     | Perry County.....           | 7                   |
| Placerville.....            | 1                   | Porter County.....          | 1                   |
| Fresno County.....          | 3                   | Randolph County.....        | 3                   |
| Imperial County—            |                     | Rush County.....            | 2                   |
| Calexico.....               | 1                   | Scott County.....           | 1                   |
| Kern County.....            | 3                   | St. Joseph County.....      | 4                   |
| Los Angeles County.....     | 2                   | Switzerland County.....     | 1                   |
| Huntington Park.....        | 1                   | Tipton County.....          | 1                   |
| Long Beach.....             | 1                   | Union County.....           | 1                   |
| Los Angeles.....            | 23                  | Warren County.....          | 1                   |
| Marin County.....           | 1                   | Washington County.....      | 3                   |
| Merced County.....          | 2                   | Wayne County.....           | 2                   |
| Modoc County.....           | 1                   | Whitley County.....         | 1                   |
| Orange County.....          | 2                   | Total.....                  | 134                 |
| Anaheim.....                | 8                   | Minnesota (August):         |                     |
| Riverside County.....       | 3                   | Benton County—              |                     |
| Perris.....                 | 1                   | Watab Township.....         | 1                   |
| Riverside.....              | 1                   | Blue Earth County—          |                     |
| Sacramento County.....      | 2                   | Mankato.....                | 3                   |
| Sacramento.....             | 3                   | Carlton County—             |                     |
| San Bernardino County.....  | 1                   | Cloquet.....                | 1                   |
| San Diego County—           |                     | Cass County—                |                     |
| San Diego.....              | 2                   | Shingobee Township.....     | 1                   |
| San Francisco.....          | 8                   | Dakota County—              |                     |
| San Joaquin County—         |                     | Eureka Township.....        | 1                   |
| Stockton.....               | 5                   | Dodge County—               |                     |
| Lodi.....                   | 1                   | Canisteo Township.....      | 1                   |
| San Mateo County—           |                     | Goodhue County.....         |                     |
| San Mateo.....              | 1                   | Red Wing.....               | 1                   |
| Santa Clara County—         |                     | Hennepin County—            |                     |
| Palo Alto.....              | 1                   | Minneapolis.....            | 6                   |
| Siskiyou County—            |                     | Itasca County—              |                     |
| Dunsmuir.....               | 1                   | Nashwanik.....              | 2                   |
| Sonoma County—              |                     | Harris Township.....        | 1                   |
| Petaluma.....               | 1                   | Trout Lake Township.....    | 1                   |
| Stanislaus County—          |                     | Lake County—                |                     |
| Turlock.....                | 1                   | Two Harbors.....            | 1                   |
| Ventura County—             |                     | Lincoln County—             |                     |
| Santa Paula.....            | 2                   | Verdi Township.....         | 1                   |
| Yolo County.....            | 1                   | Marshall County—            |                     |
| Woodland.....               | 1                   | Warren.....                 | 1                   |
| Total.....                  | 94                  | Nicollet County—            |                     |
| Indiana (August):           |                     | St. Peter.....              | 1                   |
| Brown County.....           | 1                   | Olmsted County—             |                     |
| Cass County.....            | 3                   | Rochester.....              | 1                   |
| Clark County.....           | 15                  | Ottertail County—           |                     |
| Clay County.....            | 3                   | Fergus Falls.....           | 4                   |
| Davess County.....          | 10                  | Aurdal Township.....        | 1                   |
|                             |                     | Fine County—                |                     |
|                             |                     | Deil Grove Township.....    | 1                   |
|                             |                     | Royalton Township.....      | 1                   |

## TYPHOID FEVER—Continued.

## State Reports for July and August, 1919—Continued.

| Place.                               | New cases reported. | Place.                             | New cases reported. |
|--------------------------------------|---------------------|------------------------------------|---------------------|
| <b>Minnesota (August)—Continued.</b> |                     | <b>Montana (August)—Continued.</b> |                     |
| Polk County                          |                     | Powder River County—               |                     |
| Crookston.....                       | 3                   | Broadus.....                       | 1                   |
| Ramsey County—                       |                     | Powell County—                     |                     |
| St. Paul.....                        | 4                   | Deer Lodge (R. D.).....            | 1                   |
| Renville County—                     |                     | Rosebud County—                    |                     |
| Olivia.....                          | 1                   | Thurlow (R. D.).....               | 2                   |
| Rice County—                         |                     | Myers.....                         | 3                   |
| Faribault.....                       | 2                   | Silver Bow County—                 |                     |
| Roseau County—                       |                     | Butte.....                         | 2                   |
| Roosevelt.....                       | 1                   | Stillwater County—                 |                     |
| Herrim Township.....                 | 1                   | Roscoe (R. D.).....                | 1                   |
| St. Louis County—                    |                     | Teton County—                      |                     |
| Chisholm.....                        | 2                   | Belt.....                          | 1                   |
| Duluth.....                          | 3                   | Treasure County—                   |                     |
| Eveleth.....                         | 2                   | Rancher.....                       | 1                   |
| Gilbert.....                         | 1                   | Yellowstone County—                |                     |
| Hibbing.....                         | 2                   | Billings (3 R. D.).....            | 17                  |
| Virginia.....                        | 1                   | Broadview.....                     | 1                   |
| Florenton.....                       | 1                   | Laurel.....                        | 1                   |
| Carson Lake.....                     | 1                   | Total.....                         | 72                  |
| Stuntz Township.....                 | 1                   |                                    |                     |
| Stearns County—                      |                     | <b>South Dakota (August):</b>      |                     |
| St. Cloud.....                       | 1                   | Beadle County.....                 | 5                   |
| Steele County—                       |                     | Bon Homme County.....              | 1                   |
| Owatonna.....                        | 1                   | Clark County.....                  | 1                   |
| Swift County—                        |                     | Clay County.....                   | 1                   |
| Appleton.....                        | 2                   | Day County.....                    | 1                   |
| Benson.....                          | 1                   | Grant County.....                  | 1                   |
| Wadena County—                       |                     | Haakon County.....                 | 1                   |
| Wadena.....                          | 3                   | Hyde County.....                   | 1                   |
| Washington County—                   |                     | Jones County.....                  | 1                   |
| Stillwater.....                      | 1                   | Lawrence County.....               | 1                   |
| Yellow Medicine County—              |                     | Perkins County.....                | 1                   |
| Canby.....                           | 1                   | Tripp County.....                  | 1                   |
| Total.....                           | 67                  | Turner County.....                 | 1                   |
|                                      |                     | Walworth County.....               | 2                   |
| <b>Montana (August):</b>             |                     | Total.....                         | 19                  |
| Beaverhead County—                   |                     |                                    |                     |
| Dillon.....                          | 1                   | <b>Virginia (August):</b>          |                     |
| Blaine County—                       |                     | Accomac County.....                | 14                  |
| Chinook (R. D.).....                 | 1                   | Bloxom.....                        | 3                   |
| Cascade County—                      |                     | Onancock.....                      | 1                   |
| Gerber.....                          | 1                   | Albermarle County.....             | 5                   |
| Great Falls.....                     | 5                   | Alleghany County.....              | 4                   |
| Chouteau County—                     |                     | Clifton Forge.....                 | 1                   |
| Fort Benton.....                     | 1                   | Covington.....                     | 2                   |
| Custer County—                       |                     | Augusta County.....                | 4                   |
| Miles City (R. D.).....              | 1                   | Basic.....                         | 2                   |
| Dawson County—                       |                     | Staunton.....                      | 1                   |
| Glendive.....                        | 1                   | Bath County.....                   | 3                   |
| Richey (R. D.).....                  | 1                   | Bedford County.....                | 3                   |
| Deer Lodge County—                   |                     | Bedford.....                       | 1                   |
| Anaconda.....                        | 1                   | Bland County.....                  | 2                   |
| Flathead County—                     |                     | Botetourt County.....              | 2                   |
| Kalispell (1 R. D.).....             | 1                   | Brunswick County.....              | 4                   |
| Gallatin County—                     |                     | Lawrenceville.....                 | 1                   |
| Three Forks.....                     | 1                   | Grundy.....                        | 1                   |
| Garfield County—                     |                     | Buckingham County.....             | 3                   |
| Merridith.....                       | 1                   | Campbell County.....               | 3                   |
| Hill County—                         |                     | Lynchburg.....                     | 5                   |
| Amos.....                            | 1                   | Caroline County.....               | 3                   |
| Havre (2 R. D.).....                 | 6                   | Carroll County.....                | 6                   |
| Lewis and Clark County—              |                     | Charles City County.....           | 4                   |
| East Helena.....                     | 1                   | Charlotte County—                  |                     |
| Helena (1 R. D.).....                | 5                   | Charlotte.....                     | 2                   |
| Lincoln County—                      |                     | Chesterfield County.....           | 1                   |
| Libby.....                           | 1                   | Clarke County.....                 | 3                   |
| Missoula County—                     |                     | Craig County.....                  | 1                   |
| Winston.....                         | 1                   | Culpeper County.....               | 2                   |
| Musselshell County—                  |                     | Dinwiddie County.....              | 1                   |
| Roundup.....                         | 1                   | Elizabeth City County.....         | 3                   |
| Park County—                         |                     | Phoebeus.....                      | 1                   |
| Livingston.....                      | 1                   | Essex County.....                  | 7                   |
| Phillips County—                     |                     | Fauquier County—                   |                     |
| Bowdoin.....                         | 2                   | Remington.....                     | 1                   |
| Phillips.....                        | 6                   |                                    |                     |



## TYPHOID FEVER—Continued.

## State Reports for July and August, 1919—Continued.

| Place.                       | New cases reported. | Place.                       | New cases reported. |
|------------------------------|---------------------|------------------------------|---------------------|
| Virginia (August)—Continued. |                     | Virginia (August)—Continued. |                     |
| Floyd County.....            | 7                   | Richmond County.....         | 1                   |
| Franklin County.....         | 4                   | Roanoke County.....          | 10                  |
| Frederick County.....        | 3                   | Roanoke.....                 | 8                   |
| Stevens City.....            | 1                   | Salem.....                   | 2                   |
| Winchester.....              | 1                   | Rockbridge County.....       | 6                   |
| Giles County.....            | 1                   | Rockingham County—           |                     |
| Gloucester County.....       | 10                  | Bridgewater.....             | 9                   |
| Goochland County.....        | 1                   | Russell County.....          | 6                   |
| Grayson County.....          | 1                   | Scott County.....            | 3                   |
| Elk Creek.....               | 2                   | Gate City.....               | 2                   |
| Greene County.....           | 5                   | Shenandoah County.....       | 10                  |
| North Emporia.....           | 1                   | Strasburg.....               | 4                   |
| Halifax County.....          | 1                   | Smyth County.....            | 16                  |
| Virginia.....                | 3                   | Chilhowie.....               | 2                   |
| Hanover County.....          | 4                   | Marion.....                  | 2                   |
| Henrico County.....          | 9                   | Saltville.....               | 7                   |
| Richmond.....                | 18                  | Southampton County.....      | 18                  |
| Henry County.....            | 6                   | Courtland.....               | 1                   |
| Isle of Wight County.....    | 3                   | Spotsylvania County.....     | 1                   |
| King George County.....      | 2                   | Surry County—                |                     |
| King William County.....     | 9                   | Dendron.....                 | 3                   |
| Lee County.....              | 9                   | Sussex County.....           | 2                   |
| Loudoun County.....          | 9                   | Stony Creek.....             | 1                   |
| Leesburg.....                | 1                   | Wakefield.....               | 3                   |
| Louisa County.....           | 1                   | Tazewell County.....         | 10                  |
| Lunenburg County.....        | 1                   | Graham.....                  | 1                   |
| Madison County.....          | 7                   | Pocahontas.....              | 1                   |
| Mathews County.....          | 1                   | Tazewell.....                | 3                   |
| Mecklenburg County.....      | 8                   | Warren County.....           | 4                   |
| Middlesex County.....        | 1                   | Washington County.....       | 19                  |
| Montgomery County.....       | 4                   | Abingdon.....                | 2                   |
| Radford.....                 | 5                   | Glade Springs.....           | 3                   |
| Nansemond County.....        | 1                   | Westmoreland County.....     | 2                   |
| Suffolk.....                 | 1                   | Wise County.....             | 16                  |
| Nelson County.....           | 6                   | Big Stone Gap.....           | 1                   |
| Norfolk County—              |                     | Stonega.....                 | 2                   |
| Norfolk.....                 | 19                  | Wythe County.....            | 3                   |
| Northampton County.....      | 3                   | York County.....             | 1                   |
| Northumberland County.....   | 2                   |                              |                     |
| Orange County.....           | 6                   | Total.....                   | 485                 |
| Gordonsville.....            | 1                   |                              |                     |
| Page County—                 |                     | Wyoming (July):              |                     |
| Shenandoah.....              | 1                   | Sheridan County.....         | 2                   |
| Patrick County.....          | 2                   | Big Horn County.....         | 1                   |
| Pittsylvania County.....     | 2                   | Converse County.....         | 1                   |
| Chatham.....                 | 1                   |                              |                     |
| Danville.....                | 2                   | Total.....                   | 4                   |
| Schoolfield.....             | 1                   |                              |                     |
| Powhatan County.....         | 1                   | Wyoming (August):            |                     |
| Prince William County.....   | 4                   | Sheridan County.....         | 4                   |
| Pulaski.....                 | 7                   |                              |                     |
| Pulaski.....                 | 1                   |                              |                     |

## City Reports for Week Ended Sept. 20, 1919.

| Place.                   | Cases. | Deaths. | Place.                      | Cases. | Deaths. |
|--------------------------|--------|---------|-----------------------------|--------|---------|
| Akron, Ohio.....         | 2      | .....   | Charlotte, N. C.....        | 2      | .....   |
| Alexandria, La.....      | 1      | .....   | Chester, Pa.....            | 2      | .....   |
| Allentown, Pa.....       | 1      | .....   | Chicago, Ill.....           | 10     | 1       |
| Alliance, Ohio.....      | 1      | .....   | Chicopee, Mass.....         | 1      | .....   |
| Arlington, Mass.....     | 1      | .....   | Cincinnati, Ohio.....       | 1      | .....   |
| Atlanta, Ga.....         | 8      | .....   | Cle eland, Ohio.....        | 2      | .....   |
| Attleboro, Mass.....     | 2      | .....   | Coffeyville, Kans.....      | 1      | .....   |
| Baltimore, Md.....       | 25     | 4       | Colorado Springs, Colo..... | 1      | .....   |
| Baton Rouge, La.....     | 1      | .....   | Columbia, S. C.....         | 1      | .....   |
| Benton Harbor, Mich..... | 1      | .....   | Columbus, Ga.....           | 1      | .....   |
| Birmingham, Ala.....     | 4      | 1       | Columbus, Ohio.....         | 1      | .....   |
| Boston, Mass.....        | 2      | .....   | Cumberland, Md.....         | 3      | .....   |
| Bristol, Conn.....       | 1      | .....   | Dallas, Tex.....            | 1      | .....   |
| Brookline, Mass.....     | 1      | .....   | Danbury, Conn.....          | 1      | .....   |
| Buffalo, N. Y.....       | 2      | 1       | Danville, Ill.....          | 1      | .....   |
| Charleston, S. C.....    | 2      | .....   | Danville, Va.....           | 1      | .....   |

## TYPHOID FEVER—Continued.

## City Reports for Week Ended Sept. 20, 1919—Continued.

| Place.                      | Cases. | Deaths. | Place.                      | Cases. | Deaths. |
|-----------------------------|--------|---------|-----------------------------|--------|---------|
| Dayton, Ohio.....           | 3      | .....   | Oakland, Calif.....         | 1      | .....   |
| Denver, Colo.....           | 5      | 1       | Oak Park, Ill.....          | 1      | .....   |
| Detroit, Mich.....          | 9      | 3       | Oklahoma City, Okla.....    | 3      | .....   |
| Dubuque, Iowa.....          | 1      | .....   | Omaha, Nebr.....            | 1      | .....   |
| Duluth, Minn.....           | 5      | .....   | Parkersburg, W. Va.....     | 1      | .....   |
| Durham, N. C.....           | 3      | .....   | Pasadena, Calif.....        | 1      | .....   |
| East Chicago, Ind.....      | .....  | 1       | Paterson, N. J.....         | 1      | .....   |
| East Orange, N. J.....      | 1      | .....   | Pekin, Ill.....             | 1      | .....   |
| East St. Louis, Ill.....    | 2      | 1       | Peoria, Ill.....            | 2      | .....   |
| Elgin, Ill.....             | 1      | .....   | Philadelphia, Pa.....       | 30     | 2       |
| El Paso, Tex.....           | 4      | .....   | Piqua, Ohio.....            | 2      | .....   |
| Evanston, Ill.....          | 1      | .....   | Pittsburgh, Pa.....         | 2      | .....   |
| Everett, Mass.....          | 1      | .....   | Plymouth, Pa.....           | 1      | .....   |
| Fall River, Mass.....       | 2      | .....   | Portland, Me.....           | 1      | .....   |
| Flint, Mich.....            | 3      | .....   | Portland, Oreg.....         | 1      | 1       |
| Fort Wayne, Ind.....        | 1      | .....   | Providence, R. I.....       | 1      | .....   |
| Fostoria, Ohio.....         | 1      | .....   | Pueblo, Colo.....           | 1      | .....   |
| Fresno, Calif.....          | 3      | 1       | Quincy, Ill.....            | .....  | 1       |
| Galesburg, Ill.....         | 4      | .....   | Rahway, N. J.....           | 1      | .....   |
| Galveston, Tex.....         | 1      | .....   | Reading, Pa.....            | 2      | .....   |
| Gloucester, N. J.....       | 1      | .....   | Red Wing, Minn.....         | 1      | .....   |
| Highland Park, Mich.....    | 1      | 1       | Richmond, Va.....           | 2      | .....   |
| Hoboken, N. J.....          | 1      | .....   | Roanoke, Va.....            | 1      | .....   |
| Houston, Tex.....           | 1      | .....   | Rome, Ga.....               | 2      | .....   |
| Jersey City, N. J.....      | 1      | .....   | Rome, N. Y.....             | 1      | .....   |
| Kalamazoo, Mich.....        | 1      | .....   | Sacramento, Calif.....      | 1      | .....   |
| Kansas City, Kans.....      | 2      | .....   | Saginaw, Mich.....          | 4      | 1       |
| Kenosha, Wis.....           | 1      | .....   | St. Joseph, Mo.....         | 1      | 3       |
| Knoxville, Tenn.....        | 1      | .....   | St. Louis, Mo.....          | 10     | 4       |
| Lexington, Ky.....          | 1      | 2       | St. Paul, Minn.....         | 3      | .....   |
| Lima, Ohio.....             | 3      | 1       | Salt Lake City, Utah.....   | 2      | .....   |
| Little Rock, Ark.....       | 2      | .....   | San Francisco, Calif.....   | 2      | .....   |
| Los Angeles, Calif.....     | 6      | 1       | San Jose, Calif.....        | 1      | .....   |
| Louisville, Ky.....         | 9      | 2       | Saratoga Springs, N. Y..... | 3      | .....   |
| Lowell, Mass.....           | 2      | .....   | Savannah, Ga.....           | 1      | .....   |
| Lynn, Mass.....             | 1      | 1       | Seattle, Wash.....          | 2      | .....   |
| Malden, Mass.....           | .....  | .....   | Shamokin, Pa.....           | 1      | .....   |
| Manitowoc, Wis.....         | .....  | 1       | Southbridge, Mass.....      | 1      | .....   |
| Memphis, Tenn.....          | .....  | 1       | Springfield, Ill.....       | 1      | .....   |
| Milwaukee, Wis.....         | 1      | 1       | Springfield, Mass.....      | 2      | 1       |
| Moline, Ill.....            | 1      | .....   | Steubenville, Ohio.....     | 1      | .....   |
| Montgomery, Ala.....        | .....  | 1       | Syracuse, N. Y.....         | 3      | .....   |
| Nashville, Tenn.....        | 8      | 1       | Toledo, Ohio.....           | 1      | 1       |
| Newark, N. J.....           | 10     | 1       | Waco, Tex.....              | 3      | .....   |
| New Haven, Conn.....        | 5      | .....   | Washington, D. C.....       | 10     | .....   |
| New London, Conn.....       | 4      | .....   | Westfield, Mass.....        | 1      | .....   |
| New Orleans, La.....        | 7      | 2       | White Plains, N. Y.....     | 1      | .....   |
| New York, N. Y.....         | 51     | 4       | Wichita, Kans.....          | 4      | .....   |
| Niagara Falls, N. Y.....    | 1      | .....   | Wilkes-Barre, Pa.....       | 1      | .....   |
| Norfolk, Va.....            | 3      | 1       | Wilmington, Del.....        | 2      | .....   |
| Norristown, Pa.....         | 1      | .....   | Winston-Salem, N. C.....    | 1      | 2       |
| North Little Rock, Ark..... | 1      | .....   | Worcester, Mass.....        | 1      | .....   |
| North Tonawanda, N. Y.....  | 1      | 1       | York, Pa.....               | 1      | .....   |
| Norwalk, Conn.....          | 1      | .....   | Zanesville, Ohio.....       | 1      | .....   |

## TYPHUS FEVER.

## California Report for August, 1919.

During the month of August, 1919, one case of typhus fever was reported in California.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended September 20, 1919.

| City.                | Popula-<br>tion as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|----------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                      |   |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Aberdeen, S. Dak.    | 15,926  | 0   | 1           | 1       |          |         |                   |         |                    |         |
| Adams, Mass.         | 14,406  | 0   | 1           | 1       |          |         |                   |         | 1                  |         |
| Adrian, Mich.        | 11,570  | 7   | 1           | 1       |          |         |                   |         |                    | 1       |
| Akron, Ohio.         | 93,604  | 32  |             |         |          |         | 2                 |         | 6                  |         |
| Alameda, Calif.      | 28,433  | 5   |             |         | 4        |         |                   |         | 2                  | 1       |
| Alexandria, La.      | 16,232  | 7   |             |         |          |         |                   |         |                    | 2       |
| Allentown, Pa.       | 65,109  |   | 3           |         |          |         |                   |         |                    |         |
| Alliance, Ohio.      | 19,581  | 0   |             |         |          |         |                   |         |                    |         |
| Alton, Ill.          | 23,783  | 8   | 2           |         |          |         | 1                 |         |                    |         |
| Altoona, Pa.         | 59,712  |   | 5           |         |          |         |                   |         |                    |         |
| Anderson, Ind.       | 24,230  | 3   |             |         |          |         |                   |         |                    |         |
| Ann Arbor, Mich.     | 15,041  | 10  | 1           |         | 1        |         | 1                 |         |                    | 1       |
| Anniston, Ala.       | 14,326  |   | 5           |         |          |         |                   |         |                    |         |
| Ansonia, Conn.       | 16,954  | 4   |             |         |          |         |                   |         |                    |         |
| Appleton, Wis.       | 18,005  | 8   |             |         |          |         |                   |         |                    |         |
| Arlington, Mass.     | 13,073  | 8   |             |         | 1        |         | 1                 |         | 1                  |         |
| Asbury Park, N. J.   | 14,629  | 1   |             | 1       |          |         |                   |         |                    |         |
| Ashtabula, Ohio.     | 22,008  | 1   | 1           |         |          |         |                   |         |                    | 2       |
| Atlanta, Ga.         | 198,144   | 43  | 10          | 1       |          |         | 6                 | 1       | 1                  | 3       |
| Atlantic City, N. J. | 59,515  | 10  | 1           |         | 1        |         | 2                 |         | 5                  | 1       |
| Attleboro, Mass.     | 19,776  | 3   | 1           |         |          |         |                   |         | 1                  |         |
| Austin, Tex.         | 35,612  | 3   | 2           |         |          |         |                   |         |                    | 1       |
| Baltimore, Md.       | 594,637   | 192                                       | 25          |         | 5        |         | 7                 |         | 33                 | 28      |
| Baton Rouge, La.     | 17,544  | 7   |             |         | 1        |         |                   |         |                    |         |
| Battle Creek, Mich.  | 39,159  | 1   | 8           |         |          |         | 1                 |         |                    |         |
| Bayonne, N. J.       | 72,204  |   | 8           |         |          |         | 2                 |         | 3                  |         |
| Beatrice, Nebr.      | 10,437  | 2   |             |         |          |         |                   |         |                    |         |
| Beaumont, Tex.       | 28,851  | 10  |             |         |          |         |                   |         |                    |         |
| Beaver Falls, Pa.    | 13,749  |   |             |         |          |         | 1                 |         |                    |         |
| Bedford, Ind.        | 10,613  | 2   |             |         |          |         | 2                 |         |                    |         |
| Bellingham, Wash.    | 34,362  |   |             |         |          |         | 1                 |         |                    |         |
| Beloit, Wis.         | 18,547  | 3   |             |         |          |         | 1                 |         |                    | 1       |
| Benton Harbor, Mich. | 11,099  | 1   |             |         |          |         |                   |         |                    |         |
| Berkeley, Calif.     | 60,427  | 10  |             |         | 1        |         |                   |         | 3                  |         |
| Berlin, N. H.        | 13,892  | 2   |             |         |          |         | 3                 |         |                    |         |
| Bethlehem, Pa.       | 14,353  |   | 1           |         | 2        |         |                   |         |                    |         |
| Beverly, Mass.       | 22,128  | 5   |             |         |          |         | 1                 |         | 1                  |         |
| Biddeford, Me.       | 17,760  | 2   |             |         |          |         |                   |         |                    |         |
| Billings, Mont.      | 15,123  |   |             |         |          |         |                   |         |                    | 1       |
| Binghamton, N. Y.    | 54,861  | 15  | 1           |         | 1        |         |                   |         | 3                  | 2       |
| Birmingham, Ala.     | 189,716   | 57  | 25          |         | 2        |         | 3                 |         | 7                  | 6       |
| Bloomfield, N. J.    | 19,013  | 2   | 1           |         |          |         |                   |         |                    | 1       |
| Bluefield, W. Va.    | 16,123  |   |             |         |          |         | 2                 |         |                    |         |
| Boston, Mass.        | 767,813   | 147                                       | 44          | 1       | 7        |         | 32                |         | 53                 | 21      |
| Braddock, Pa.        | 22,060  |   | 2           |         |          |         |                   |         |                    |         |
| Brazil, Ind.         | 10,472  | 2   |             |         |          |         |                   |         |                    |         |
| Bridgeport, Conn.    | 124,724   | 35  | 9           |         |          |         | 2                 |         |                    | 4       |
| Bristol, Conn.       | 16,318  | 2   | 3           | 1       |          |         |                   |         | 2                  |         |
| Brookline, Mass.     | 33,526  | 3   |             |         |          |         | 1                 |         | 1                  |         |
| Brunswick, Ga.       | 10,984  | 3   | 1           |         |          |         |                   |         |                    |         |
| Buffalo, N. Y.       | 474,781   | 128                                       | 92          | 8       | 3        |         | 19                |         | 9                  | 11      |
| Burlington, Iowa     | 25,144  | 5   |             |         |          |         |                   |         |                    |         |
| Burlington, Vt.      | 21,802  | 13  |             |         |          |         |                   |         |                    |         |
| Butler, Pa.          | 28,677  |   | 3           |         |          |         |                   |         |                    |         |
| Butte, Mont.         | 44,037  |   | 1           |         |          |         | 1                 |         |                    |         |
| Cadillac, Mich.      | 10,158  | 3   |             |         |          |         |                   |         |                    |         |
| Cairo, Ill.          | 15,995  | 3   |             |         |          |         |                   |         |                    |         |
| Cambridge, Mass.     | 114,293   | 27  | 2           |         |          |         | 1                 |         | 5                  | 4       |
| Canton, Ohio.        | 62,566  | 11  | 2           |         |          |         | 1                 |         | 2                  |         |
| Carbondale, Pa.      | 19,597  |   | 1           |         |          |         |                   |         |                    |         |
| Cedar Rapids, Iowa   | 38,033  | 2   |             |         |          |         |                   |         |                    |         |
| Chanute, Kans.       | 12,968  |   | 1           |         |          |         | 1                 |         |                    |         |
| Charleston, S. C.    | 61,041  | 20  | 1           |         |          |         |                   |         |                    | 2       |
| Charleston, W. Va.   | 31,060  | 8   | 2           |         |          |         |                   |         |                    |         |
| Charlotte, N. C.     | 40,759  | 11  | 3           |         |          |         | 3                 |         | 1                  | 1       |
| Chattanooga, Tenn.   | 61,575  | 10  | 1           |         |          |         | 1                 |         |                    |         |
| Chelsen, Mass.       | 48,405  | 4   |             |         |          |         | 2                 |         | 1                  |         |
| Cheyenne, Wyo.       | 11,320  |   | 2           |         |          |         |                   |         |                    |         |
| Chicago, Ill.        | 2,547,201   | 465                                       | 127         | 14      | 19       | 1       | 56                | 2       | 329                | 31      |
| Chicopee, Mass.      | 29,950  | 6   |             |         |          |         |                   |         |                    |         |
| Chillicothe, Ohio.   | 15,625  | 4   |             |         |          |         |                   |         |                    |         |
| Cincinnati, Ohio.    | 414,248   | 78  | 19          |         | 1        |         | 4                 |         | 26                 | 13      |

<sup>1</sup> Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 20, 1919—Continued.

| City.                       | Popula-<br>tion as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|-----------------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                             |   |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Cleveland, Ohio.....        | 692,250   | 132                                       | 58          | 2       | 6        |         | 6                 |         | 21                 | 13      |
| Clinton, Iowa.....          | 27,678  | 0   |             |         |          |         |                   |         |                    |         |
| Clinton, Mass.....          | 13,075  | 1   |             |         |          |         |                   |         | 1                  |         |
| Cohoes, N. Y.....           | 25,292  | 2   | 1           |         |          |         |                   |         |                    |         |
| Colorado Springs, Colo..... | 38,965  | 12  | 1           |         |          |         | 2                 |         | 4                  | 3       |
| Columbia, S. C.....         | 35,165  |   | 9           |         |          |         | 1                 |         |                    |         |
| Columbus, Ga.....           | 26,306  | 9   |             |         |          |         | 2                 |         | 3                  | 1       |
| Columbus, Ohio.....         | 220,135   | 42  | 6           |         |          |         | 3                 |         | 4                  | 4       |
| Concord, N. H.....          | 22,858  | 8   | 1           |         |          |         |                   |         |                    |         |
| Connellsville, Pa.....      | 15,876  |   |             |         |          |         | 2                 |         |                    |         |
| Council Bluffs, Iowa.....   | 31,838  | 11  | 3           |         |          |         | 2                 |         |                    |         |
| Covington, Ky.....          | 59,623  | 11  | 5           |         |          |         | 7                 |         |                    | 1       |
| Cranston, R. I.....         | 26,773  | 1   |             |         |          |         |                   |         |                    |         |
| Cumberland, Md.....         | 26,686  | 3   |             |         |          |         | 3                 |         | 3                  |         |
| Dallas, Tex.....            | 129,738   | 30  | 3           |         |          |         | 2                 |         | 6                  | 3       |
| Danbury, Conn.....          | 22,931  | 6   |             |         |          |         | 1                 |         |                    |         |
| Danville, Ill.....          | 32,960  |   |             |         |          |         |                   |         |                    | 1       |
| Danville, Va.....           | 20,183  |   |             |         |          |         |                   |         | 2                  |         |
| Davenport, Iowa.....        | 49,618  |   | 1           |         |          |         |                   |         |                    |         |
| Dayton, Ohio.....           | 128,939   | 36  | 2           |         | 1        |         | 1                 |         |                    |         |
| Decatur, Ill.....           | 41,483  | 8   |             | 1       |          |         |                   |         |                    |         |
| Dedham, Mass.....           | 10,618  | 0   | 1           |         |          |         |                   |         |                    |         |
| Denver, Colo.....           | 268,439   | 65  | 14          |         | 1        |         | 2                 |         |                    | 14      |
| Des Moines, Iowa.....       | 104,052   |   | 7           |         |          |         | 5                 |         |                    |         |
| Detroit, Mich.....          | 619,648   | 161                                       | 61          | 5       | 2        | 1       | 54                | 2       | 39                 | 15      |
| Dover, N. H.....            | 13,276  | 4   |             |         |          |         |                   |         |                    |         |
| Dubuque, Iowa.....          | 40,096  |   | 2           |         |          |         |                   |         |                    |         |
| Duluth, Minn.....           | 97,077  | 19  |             |         |          |         | 1                 |         |                    |         |
| Dunmore, Pa.....            | 21,386  |   | 14          |         |          |         |                   |         |                    |         |
| Durham, N. C.....           | 26,160  | 5   | 2           |         | 1        |         |                   |         |                    |         |
| East Chicago, Ind.....      | 30,386  | 7   |             | 1       |          |         |                   |         |                    |         |
| East Cleveland, Ohio.....   | 13,864  |   | 1           |         |          |         |                   |         |                    |         |
| Easthampton, Mass.....      | 10,656  |   |             |         |          |         | 1                 |         | 1                  |         |
| Easton, Pa.....             | 30,854  |   |             |         | 1        |         |                   |         |                    |         |
| East Orange, N. J.....      | 43,761  | 9   |             |         |          |         | 1                 |         | 2                  |         |
| East Providence, R. I.....  | 18,485  |   | 1           |         |          |         | 2                 |         |                    |         |
| East St. Louis, Ill.....    | 77,312  | 10  | 1           |         | 1        |         |                   |         | 7                  | 1       |
| Elgin, Ill.....             | 28,562  | 1   |             |         |          |         |                   |         | 10                 |         |
| Elizabeth, N. J.....        | 88,830  |   | 11          | 1       | 1        |         | 10                |         | 11                 | 2       |
| El Paso, Tex.....           | 69,149  | 21  | 2           | 2       |          |         |                   |         |                    | 5       |
| Englewood, N. J.....        | 12,603  | 1   |             |         |          |         |                   |         |                    |         |
| Eureka, Calif.....          | 15,142  | 1   |             |         |          |         |                   |         |                    |         |
| Evanston, Ill.....          | 29,304  | 8   |             |         |          |         |                   |         |                    |         |
| Everett, Mass.....          | 40,160  | 4   | 1           |         | 2        |         | 1                 |         |                    |         |
| Fairmount, W. Va.....       | 16,111  |   |             |         |          |         | 6                 |         |                    |         |
| Fall River, Mass.....       | 129,828   | 26  | 6           | 1       | 8        |         |                   |         | 9                  | 1       |
| Fargo, N. Dak.....          | 17,872  |   |             |         |          |         | 3                 |         |                    |         |
| Farrell, Pa.....            | 10,190  |   | 1           |         |          |         |                   |         |                    |         |
| Findlay, Ohio.....          | 14,858  | 2   |             |         |          |         |                   |         |                    | 1       |
| Flint, Mich.....            | 57,386  | 7   | 3           |         |          |         |                   |         |                    |         |
| Fond du Lac, Wis.....       | 21,486  | 7   |             |         |          |         | 3                 |         |                    | 1       |
| Fort Dodge, Iowa.....       | 21,039  |   |             |         |          |         |                   |         |                    | 1       |
| Fort Scott, Kans.....       | 10,564  | 5   |             |         |          |         |                   |         |                    |         |
| Fort Wayne, Ind.....        | 78,014  | 10  | 2           |         |          |         |                   |         | 1                  |         |
| Fort Worth, Tex.....        | 109,597   | 20  | 9           |         |          |         |                   |         | 2                  | 2       |
| Fostoria, Ohio.....         | 10,959  | 4   |             |         |          |         |                   |         |                    |         |
| Framingham, Mass.....       | 14,149  | 1   |             |         |          |         | 1                 |         |                    | 1       |
| Freeport, Ill.....          | 19,844  | 21  |             |         |          |         |                   |         |                    |         |
| Fremont, Ohio.....          | 11,034  | 2   |             |         |          |         |                   |         |                    | 1       |
| Fresno, Calif.....          | 36,314  | 6   | 1           |         |          |         | 1                 |         |                    |         |
| Galesburg, Ill.....         | 24,629  | 5   |             |         |          |         |                   |         |                    |         |
| Galveston, Tex.....         | 42,650  | 11  |             |         |          |         |                   |         |                    | 1       |
| Geneva, N. Y.....           | 13,915  | 3   |             |         |          |         | 3                 |         |                    |         |
| Gloucester City, N. J.....  | 11,375  |   | 1           |         | 1        |         |                   |         |                    |         |
| Grand Rapids, Mich.....     | 132,861   | 25  | 4           |         |          |         | 1                 | 1       | 2                  |         |
| Great Falls, Mont.....      | 13,948  | 6   |             |         |          |         | 2                 |         |                    |         |
| Greely, Colo.....           | 11,942  | 3   | 1           |         |          |         |                   |         |                    |         |
| Green Bay, Wis.....         | 30,017  | 9   | 7           |         |          |         |                   |         |                    |         |
| Greenfield, Mass.....       | 12,251  | 5   |             |         |          |         |                   |         |                    | 1       |
| Greenboro, N. C.....        | 20,171  | 2   |             |         |          |         |                   |         |                    |         |
| Greensburg, Pa.....         | 15,881  |   |             |         |          |         | 3                 |         |                    |         |

1 Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

## City Reports for Week Ended Sept. 20, 1919—Continued.

| City.                | Population as of July 1, 1917 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. |         | Measles. |         | Scarlet fever. |         | Tuberculosis. |         |
|----------------------|---|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
|                      |   |                               | Cases.      | Deaths. | Cases.   | Deaths. | Cases.         | Deaths. | Cases.        | Deaths. |
| Hackensack, N. J.    | 17,412  | 9                             |             |         |          |         |                |         |               | 1       |
| Hammond, Ind.        | 27,016  | 5                             | 2           |         |          |         | 1              |         |               |         |
| Harrisburg, Pa.      | 73,276  |                               | 3           |         |          |         | 1              |         |               |         |
| Harrison, N. J.      | 17,345  |                               |             |         |          |         | 2              |         |               |         |
| Hartford, Conn.      | 112,831   | 25                            | 4           |         |          |         | 2              |         | 6             | 1       |
| Haverhill, Mass.     | 49,180  | 7                             | 2           |         |          |         |                |         | 1             |         |
| Hazleton, Pa.        | 28,981  |                               | 1           |         | 12       |         |                |         |               |         |
| Hibbing, Minn.       | 17,550  |                               | 1           |         | 3        |         | 1              |         |               |         |
| Highland Park, Mich. | 33,859  | 4                             | 6           | 1       |          |         | 2              |         |               |         |
| Hoboken, N. J.       | 78,324  | 11                            | 3           | 1       |          |         |                |         | 2             |         |
| Holland, Mich.       | 12,459  | 0                             |             |         |          |         |                |         |               |         |
| Holyoke, Mass.       | 66,503  | 13                            | 1           |         |          |         | 1              |         | 1             | 3       |
| Homestead, Pa.       | 23,071  |                               | 1           |         | 1        |         |                |         |               |         |
| Houston, Tex.        | 116,878   | 27                            | 5           |         |          |         |                |         | 7             | 3       |
| Hudson, N. Y.        | 12,898  | 4                             |             |         |          |         |                |         |               |         |
| Independence, Mo.    | 11,964  | 4                             |             |         |          |         |                |         |               |         |
| Indianapolis, Ind.   | 283,622   | 76                            | 3           | 1       | 1        |         | 7              |         | 1             | 5       |
| Ironwood, Mich.      | 15,095  | 2                             | 1           |         |          |         | 1              |         |               |         |
| Irrington, N. J.     | 18,710  |                               |             |         |          |         | 1              |         | 1             |         |
| Ithaca, N. Y.        | 16,017  | 5                             |             |         |          |         |                |         |               |         |
| Jamestown, N. Y.     | 37,431  | 6                             |             |         | 1        |         | 1              |         | 2             |         |
| Janesville, Wis.     | 14,411  | 3                             |             |         |          |         | 1              |         |               |         |
| Jersey City, N. J.   | 312,557   |                               | 17          |         |          |         | 3              |         | 10            |         |
| Johnstown, N. Y.     | 10,678  | 3                             |             |         |          |         |                |         |               |         |
| Johnstown, Pa.       | 70,473  |                               | 4           |         | 24       |         |                |         |               |         |
| Joplin, Mo.          | 33,400  | 5                             | 1           |         |          |         |                |         | 1             |         |
| Kalamazoo, Mich.     | 50,498  | 16                            | 5           | 1       |          |         | 7              |         | 3             | 1       |
| Kankakee, Ill.       | 14,270  | 6                             |             |         |          |         |                |         |               |         |
| Kansas City, Kans.   | 102,096   |                               | 2           |         |          |         | 1              |         | 5             |         |
| Kansas City, Mo.     | 305,816   | 88                            | 4           |         | 2        |         | 1              |         | 1             | 5       |
| Kearny, N. J.        | 24,325  | 8                             |             |         |          |         | 4              |         | 6             | 1       |
| Kenosha, Wis.        | 32,833  | 7                             |             |         |          |         |                |         |               |         |
| Knoxville, Tenn.     | 59,112  |                               | 3           | 1       | 1        |         | 5              |         | 6             | 6       |
| Kokomo, Ind.         | 21,929  | 11                            |             |         |          |         |                |         |               |         |
| Lackawanna, N. Y.    | 16,219  | 3                             | 2           |         |          |         |                |         |               |         |
| La Crosse, Wis.      | 31,835  | 10                            |             |         |          |         |                |         | 1             | 1       |
| La Fayette, Ind.     | 21,481  | 2                             |             |         |          |         |                |         |               |         |
| Lakewood, Ohio.      | 23,813  | 4                             | 1           |         |          |         |                |         |               |         |
| Lancaster, Ohio.     | 16,086  | 3                             |             |         |          |         |                |         | 2             | 1       |
| Lancaster, Pa.       | 51,437  |                               | 1           |         |          |         | 1              |         | 1             |         |
| Lawrence, Kans.      | 13,477  | 0                             |             |         |          |         |                |         |               |         |
| Lawrence, Mass.      | 102,923   | 16                            | 2           | 1       | 1        |         | 6              |         | 1             | 1       |
| Lebanon, Pa.         | 20,947  |                               | 1           |         |          |         |                |         | 2             |         |
| Leominster, Mass.    | 21,365  | 4                             |             |         |          |         |                |         |               | 1       |
| Lexington, Ky.       | 41,997  | 16                            | 1           |         |          |         | 4              |         | 1             | 2       |
| Lima, Ohio.          | 37,145  | 9                             | 7           |         |          |         | 1              |         |               | 1       |
| Lincoln, Nebr.       | 46,957  | 12                            | 1           |         |          |         |                |         |               |         |
| Little Rock, Ark.    | 58,716  |                               | 2           |         |          |         |                |         | 3             |         |
| Logansport, Ind.     | 21,338  | 2                             |             |         |          |         | 3              |         |               |         |
| Long Beach, Calif.   | 29,163  | 6                             |             |         | 1        |         |                |         | 1             |         |
| Long Branch, N. J.   | 15,733  | 4                             |             |         | 2        |         | 2              |         |               |         |
| Lorain, Ohio.        | 38,266  | 13                            |             |         |          |         |                |         |               |         |
| Los Angeles, Calif.  | 535,485   | 120                           | 6           |         | 2        |         | 6              |         | 53            | 20      |
| Louisville, Ky.      | 240,808   | 41                            | 14          |         |          |         | 6              |         | 3             | 4       |
| Lowell, Mass.        | 114,366   | 29                            | 2           |         |          |         | 3              |         | 2             | 1       |
| Ludington, Mich.     | 10,566  | 1                             |             |         |          |         |                |         |               |         |
| Lynchburg, Va.       | 33,497  | 16                            | 1           |         |          |         | 1              |         | 1             | 2       |
| Lynn, Mass.          | 104,534   | 21                            | 6           |         |          |         | 5              |         | 2             | 1       |
| McKeesport, Pa.      | 48,299  |                               | 2           |         |          |         | 4              |         |               |         |
| Madison, Wis.        | 31,315  | 8                             | 1           |         | 1        |         |                |         |               | 1       |
| Malden, Mass.        | 52,243  | 13                            | 1           |         |          |         |                |         | 1             |         |
| Manchester, Conn.    | 15,859  | 2                             |             |         |          |         | 3              |         |               |         |
| Manchester, N. H.    | 79,607  | 12                            | 3           |         |          |         | 1              |         | 5             | 3       |
| Manitowoc, Wis.      | 13,931  | 3                             |             |         | 2        |         | 4              |         |               |         |
| Mankato, Minn.       | 10,365  | 2                             |             |         |          |         | 3              |         |               |         |
| Marinette, Wis.      | 14,610  |                               |             |         |          |         | 1              |         |               |         |
| Marion, Ind.         | 19,923  | 6                             |             | 1       |          |         | 2              | 1       |               |         |
| Marlboro, Mass.      | 15,285  | 3                             | 1           |         |          |         |                |         |               |         |
| Martinsburg, W. Va.  | 12,984  |                               | 4           |         |          |         |                |         |               |         |
| Martins Ferry, Ohio. | 10,135  | 0                             |             |         |          |         |                |         |               |         |

1 Population Apr. 15, 1910.



## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 20, 1919—Continued.

| City.                       | Popula-<br>tion as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|-----------------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                             |   |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Mason City, Iowa.....       | 14,938  | 1   |             |         |          |         |                   |         |                    |         |
| Medford, Mass.....          | 26,681  | 2   | 1           |         |          |         |                   |         | 1                  |         |
| Melrose, Mass.....          | 17,724  | 4   |             |         |          |         |                   |         |                    |         |
| Memphis, Tenn.....          | 151,877   | 7   | 9           |         | 1        |         | 1                 |         | 7                  | 4       |
| Meriden, Conn.....          | 29,431  |   | 1           |         |          |         |                   |         |                    |         |
| Methuen, Mass.....          | 14,320  | 2   |             |         |          |         |                   |         |                    |         |
| Middletown, N. Y.....       | 15,890  |   |             |         |          |         | 3                 |         | 1                  |         |
| Middletown, Ohio.....       | 16,384  | 4   |             |         |          |         | 2                 |         |                    |         |
| Milford, Mass.....          | 14,280  | 5   |             |         |          |         |                   |         |                    |         |
| Milwaukee, Wis.....         | 445,068   | 72  | 29          | 1       | 1        |         | 25                |         | 23                 | 1       |
| Minneapolis, Minn.....      | 373,448   | 55  | 14          | 2       |          |         | 12                |         | 12                 | 7       |
| Mobile, Ala.....            | 59,201  | 19  |             | 1       |          |         |                   |         | 1                  | 1       |
| Moline, Ill.....            | 27,976  | 6   | 2           |         |          |         |                   |         |                    | 1       |
| Monessen, Pa.....           | 23,070  |   | 3           |         |          |         |                   |         |                    |         |
| Montclair, N. J.....        | 27,087  | 0   |             |         |          |         | 2                 |         |                    |         |
| Montgomery, Ala.....        | 44,039  | 15  | 1           |         |          |         | 2                 |         |                    | 1       |
| Morgantown, W. Va.....      | 14,444  | 1   | 1           |         |          |         | 1                 |         |                    |         |
| Morristown, N. J.....       | 13,410  | 4   |             |         |          |         |                   |         |                    |         |
| Moundsville, W. Va.....     | 11,513  | 1   |             |         |          |         |                   |         |                    |         |
| Mount Carmel, Pa.....       | 20,700  |   | 1           |         |          |         |                   |         | 1                  |         |
| Mount Vernon, N. Y.....     | 37,991  | 7   |             |         |          |         |                   |         |                    |         |
| Muskogee, Okla.....         | 47,173  |   | 1           |         |          |         |                   |         |                    |         |
| Nanticoke, Pa.....          | 23,811  |   | 3           |         |          |         |                   |         |                    |         |
| Muskogee, Okla.....         | 47,173  |   | 1           |         |          |         |                   |         |                    |         |
| Nanticoke, Pa.....          | 23,811  |   | 3           |         |          |         |                   |         |                    |         |
| Nashua, N. H.....           | 27,541  | 8   |             |         |          |         | 5                 |         |                    |         |
| Nashville, Tenn.....        | 118,136   | 29  | 7           |         |          |         | 7                 |         | 3                  | 3       |
| Newark, N. J.....           | 418,789   | 83  | 17          | 1       | 2        |         | 5                 |         | 30                 | 4       |
| New Bedford, Mass.....      | 121,622   | 22  |             |         | 3        |         | 8                 |         | 14                 | 5       |
| New Britain, Conn.....      | 55,385  | 12  | 2           |         |          |         | 1                 |         | 4                  |         |
| New Brunswick, N. J.....    | 25,855  |   | 4           |         |          |         |                   |         | 3                  |         |
| Newburyport, Mass.....      | 15,291  | 8   |             |         |          |         |                   |         |                    |         |
| New Castle, Pa.....         | 41,915  |   | 1           |         |          |         | 4                 |         |                    |         |
| New Haven, Conn.....        | 152,275   | 46  | 1           |         | 1        |         | 2                 |         | 8                  | 4       |
| New London, Conn.....       | 21,199  | 4   | 1           |         |          |         |                   |         | 4                  |         |
| New Orleans, La.....        | 377,010   | 92  | 1           |         | 1        |         | 2                 |         | 16                 | 11      |
| Newport, R. I.....          | 30,585  | 5   |             |         |          |         |                   |         |                    |         |
| Newton, Mass.....           | 44,345  | 9   | 2           | 1       |          |         | 1                 |         | 2                  |         |
| New York, N. Y.....         | 5,737,492   | 966                                       | 171         | 11      | 27       | 1       | 40                | 2       | 238                | 118     |
| Niagara Falls, N. Y.....    | 38,466  | 9   | 1           |         | 2        |         | 1                 |         | 4                  | 1       |
| Norfolk, Va.....            | 91,148  |   | 7           |         |          |         | 2                 |         |                    |         |
| Norristown, Pa.....         | 31,969  |   |             |         |          |         | 1                 |         |                    |         |
| North Adams, Mass.....      | 122,019   | 7   |             |         |          |         |                   |         | 1                  | 1       |
| Northampton, Mass.....      | 20,066  | 5   |             |         |          |         |                   |         | 1                  |         |
| North Attleboro, Mass.....  | 11,248  | 1   | 1           |         |          |         |                   |         |                    |         |
| North Braddock, Pa.....     | 15,684  |   |             |         |          |         |                   |         | 1                  |         |
| North Little Rock, Ark..... | 15,515  | 0   |             |         |          |         | 1                 |         |                    |         |
| North Tonawanda, N. Y.....  | 14,060  | 5   |             |         |          |         | 9                 |         | 1                  |         |
| Norwich, Conn.....          | 21,923  |   | 2           |         |          |         |                   |         |                    |         |
| Norwood, Ohio.....          | 23,269  | 1   |             |         |          |         |                   |         | 1                  |         |
| Oakland, Calif.....         | 206,405   | 53  |             |         | 1        |         | 9                 |         | 6                  | 3       |
| Oak Park, Ill.....          | 27,816  | 4   | 1           |         |          |         |                   |         | 2                  |         |
| Ogden, Utah.....            | 32,343  | 8   |             |         |          |         |                   |         | 1                  |         |
| Oklahoma City, Okla.....    | 97,588  | 16  | 1           |         |          |         | 2                 |         |                    |         |
| Olean, N. Y.....            | 16,927  | 6   |             |         |          |         |                   |         |                    |         |
| Omaha, Nebr.....            | 177,777   | 28  | 10          | 2       | 1        |         | 1                 |         |                    | 1       |
| Orange, Conn.....           | 14,393  | 10  |             |         |          |         | 2                 |         |                    |         |
| Oshkosh, Wis.....           | 36,549  | 11  | 1           |         |          |         | 1                 |         | 1                  | 1       |
| Parkersburg, W. Va.....     | 21,059  | 2   | 4           |         |          |         |                   |         |                    |         |
| Pasadena, Calif.....        | 49,620  | 6   | 1           |         | 1        |         |                   |         | 4                  |         |
| Passaic, N. J.....          | 74,478  | 8   | 4           |         |          |         |                   |         | 5                  | 1       |
| Paterson, N. J.....         | 140,512   | 6   | 4           |         |          |         | 2                 |         | 12                 |         |
| Peekskill, N. Y.....        | 19,034  | 4   |             |         |          |         |                   |         |                    |         |
| Pekin, Ill.....             | 10,973  |   |             |         |          |         | 3                 |         |                    |         |
| Peoria, Ill.....            | 72,184  | 14  | 6           |         |          |         | 3                 |         | 2                  |         |
| Perth Amboy, N. J.....      | 42,646  | 4   | 5           |         |          |         |                   |         | 2                  |         |
| Petersburg, Va.....         | 25,817  | 7   | 1           |         |          |         |                   |         | 4                  |         |
| Philadelphia, Pa.....       | 1,735,514   | 384                                       | 70          | 2       | 22       |         | 39                | 1       | 82                 | 38      |
| Phillipsburg, N. J.....     | 15,879  | 3   | 1           |         |          |         |                   |         |                    |         |
| Piqua, Ohio.....            | 14,275  | 8   |             |         |          |         |                   |         |                    | 1       |

Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 20, 1919—Continued.

| City.                   | Popula-<br>tion as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|-------------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                         |   |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Pittsburgh, Pa.         | 586,196   |   | 28          |         | 1        |         | 10                |         | 14                 |         |
| Pittsfield, Mass.       | 39,678  | 3   |             |         |          |         |                   |         | 1                  |         |
| Pittston, Pa.           | 18,975  |   | 2           |         |          |         |                   |         |                    |         |
| Plainfield, N. J.       | 24,330  | 5   | 1           |         | 7        |         |                   |         | 1                  |         |
| Plattsburg, N. Y.       | 13,111  | 4   |             |         |          |         |                   |         |                    |         |
| Plymouth, Mass.         | 14,001  | 2   |             |         |          |         |                   |         |                    |         |
| Plymouth, Pa.           | 19,439  |   | 1           |         |          |         |                   |         |                    |         |
| Pomona, Calif.          | 13,624  | 3   |             |         |          |         |                   |         |                    |         |
| Pontiac, Mich.          | 18,006  | 12  | 14          | 1       | 6        | 1       |                   |         |                    |         |
| Port Chester, N. Y.     | 16,727  | 7   | 1           |         |          |         |                   |         |                    |         |
| Portland, Me.           | 64,720  | 14  | 3           |         |          |         | 7                 |         |                    | 1       |
| Portland, Oreg.         | 308,399   | 57  |             |         | 2        |         | 5                 |         | 5                  | 3       |
| Portsmouth, N. H.       | 11,730  |   |             |         |          |         | 5                 |         |                    |         |
| Portsmouth, Ohio.       | 29,356  |   | 3           |         |          |         | 1                 |         |                    |         |
| Portsmouth, Va.         | 40,693  |   | 2           | 1       | 1        |         |                   |         | 1                  | 1       |
| Pottstown, Pa.          | 16,987  |   |             |         |          |         | 1                 |         |                    |         |
| Pottsville, Pa.         | 22,717  |   | 1           |         |          |         |                   |         |                    |         |
| Providence, R. I.       | 259,835   | 58  | 17          | 1       |          |         | 5                 |         |                    | 6       |
| Pueblo, Colo.           | 56,684  | 0   | 1           |         |          |         | 1                 |         | 2                  |         |
| Quincy, Ill.            | 36,832  | 7   |             |         |          |         | 1                 |         | 1                  |         |
| Quincy, Mass.           | 39,022  | 5   | 1           | 1       |          |         | 2                 |         | 4                  | 1       |
| Racine, Wis.            | 47,465  | 5   |             |         |          |         | 3                 |         |                    |         |
| Rahway, N. J.           | 10,361  | 2   | 1           |         |          |         |                   |         |                    |         |
| Raleigh, N. C.          | 20,274  | 10  | 2           | 1       |          |         | 3                 |         |                    | 1       |
| Reading, Pa.            | 111,607   |   | 3           |         |          |         |                   |         |                    |         |
| Redlands, Calif.        | 14,573  | 1   |             |         |          |         |                   |         |                    | 1       |
| Reno, Nev.              | 15,514  | 0   |             |         |          |         |                   |         |                    |         |
| Richmond, Va.           | 158,702   | 38  | 9           |         | 2        |         | 13                |         | 4                  | 2       |
| Riverside, Calif.       | 20,496  | 2   |             |         |          |         |                   |         | 3                  | 2       |
| Roanoke, Va.            | 46,282  | 23  | 6           |         |          |         | 1                 |         |                    |         |
| Rochester, N. Y.        | 264,714   | 53  | 21          |         | 1        |         | 7                 | 1       | 9                  | 3       |
| Rockford, Ill.          | 56,739  | 9   | 1           |         |          |         |                   |         |                    |         |
| Rock Island, Ill.       | 29,452  | 3   |             |         |          |         |                   |         |                    |         |
| Rocky Mount, N. C.      | 12,673  | 3   | 4           |         |          |         |                   |         | 1                  |         |
| Rome, Ga.               | 15,607  |   | 10          | 1       |          |         | 1                 |         |                    |         |
| Rome, N. Y.             | 24,259  |   | 1           |         |          |         |                   |         |                    |         |
| Rutland, Vt.            | 15,038  | 3   |             |         |          |         |                   |         |                    |         |
| Sacramento, Calif.      | 68,984  | 24  | 1           |         |          |         | 4                 |         |                    | 1       |
| Saginaw, Mich.          | 56,469  | 15  | 1           |         |          |         |                   |         |                    |         |
| Saint Cloud, Minn.      | 12,013  |   |             |         |          |         |                   |         |                    | 1       |
| Saint Joseph, Mo.       | 86,498  | 42  | 5           |         |          |         | 3                 |         |                    |         |
| Saint Louis, Mo.        | 768,630   | 172                                       | 85          | 11      | 2        |         | 5                 |         | 26                 | 20      |
| Saint Paul, Minn.       | 252,465   | 40  | 29          | 1       |          |         | 6                 |         | 13                 | 3       |
| Salem, Mass.            | 49,346  | 11  | 3           |         |          |         | 1                 |         |                    | 3       |
| Salem, Oreg.            | 21,274  | 1   |             |         |          |         | 1                 |         |                    |         |
| Salt Lake City, Utah    | 121,023   | 22  |             |         |          |         | 5                 |         | 3                  | 3       |
| San Angelo, Tex.        | 10,321  | 0   |             |         |          |         |                   |         |                    |         |
| San Bernardino, Calif.  | 17,616  | 3   |             |         |          |         |                   |         |                    |         |
| San Diego, Calif.       | 56,412  | 14  | 1           |         |          |         | 3                 |         | 1                  | 2       |
| Sandusky, Ohio.         | 29,226  | 5   |             |         |          |         |                   |         |                    | 1       |
| Sanford, Me.            | 11,217  | 1   |             |         |          |         |                   |         |                    |         |
| San Francisco, Calif.   | 471,023   | 104                                       | 3           |         | 21       |         | 10                | 1       | 23                 | 7       |
| San Jose, Calif.        | 39,810  |   |             |         |          |         | 1                 |         |                    |         |
| Santa Barbara, Calif.   | 15,360  | 3   |             |         |          |         |                   |         |                    |         |
| Santa Cruz, Calif.      | 15,150  | 5   |             |         |          |         |                   |         |                    |         |
| Saratoga Springs, N. Y. | 13,839  | 6   | 3           |         |          |         |                   |         | 1                  | 1       |
| Saugus, Mass.           | 10,210  | 3   | 1           |         | 1        |         |                   |         |                    |         |
| Sault Ste. Marie, Mich. | 14,130  | 4   |             |         |          |         |                   |         | 1                  | 1       |
| Savannah, Ga.           | 69,250  | 27  | 6           | 1       |          |         | 2                 |         | 1                  |         |
| Schenectady, N. Y.      | 103,774   | 10  | 1           |         |          |         | 1                 |         |                    |         |
| Scranton, Pa.           | 149,541   |   | 3           |         | 1        |         |                   |         | 9                  |         |
| Seattle, Wash.          | 366,445   |   | 5           |         | 13       |         | 19                |         |                    |         |
| Shamokin, Pa.           | 21,274  |   | 4           |         | 1        |         | 1                 |         |                    |         |
| Sharon, Pa.             | 19,156  |   | 1           |         |          |         |                   |         |                    |         |
| Shenandoah, Pa.         | 29,753  |   | 2           |         |          |         |                   |         |                    |         |
| Sioux City, Iowa.       | 58,563  |   | 3           |         |          |         | 4                 |         |                    |         |
| Somerville, Mass.       | 88,618  | 8   | 1           |         |          |         |                   |         | 1                  | 3       |
| South Bend, Ind.        | 70,967  | 11  |             |         |          |         | 1                 |         |                    |         |
| Southbridge, Mass.      | 14,465  | 2   |             |         |          |         |                   |         |                    |         |
| Spartanburg, S. C.      | 21,985  | 4   | 1           |         |          |         |                   |         |                    |         |

1 Population Apr. 15, 1910.

## DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended Sept. 20, 1919—Continued.

| City.                | Popula-<br>tion as of<br>July 1, 1917<br>(estimated<br>by U. S.<br>Census<br>Bureau). | Total<br>deaths<br>from<br>all<br>causes. | Diphtheria. |         | Measles. |         | Scarlet<br>fever. |         | Tuber-<br>culosis. |         |
|----------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
|                      |   |   | Cases.      | Deaths. | Cases.   | Deaths. | Cases.            | Deaths. | Cases.             | Deaths. |
| Spokane, Wash.       | 157,656   |   | 2           |         |          |         | 10                |         |                    |         |
| Springfield, Ill.    | 62,623  | 18  | 2           | 1       |          |         | 3                 |         |                    |         |
| Springfield, Mass.   | 108,668   | 22  | 1           |         | 1        |         |                   |         | 8                  | 4       |
| Springfield, Mo.     | 41,169  | 15  |             |         |          |         |                   |         |                    | 1       |
| Springfield, Ohio.   | 52,296  | 6   |             |         |          |         | 1                 |         | 2                  |         |
| Stamford, Conn.      | 31,810  |   | 3           |         |          |         |                   |         | 1                  |         |
| Steelton, Pa.        | 15,759  |   | 2           |         |          |         |                   |         |                    |         |
| Steubenville, Ohio.  | 28,259  | 11  |             |         |          |         | 1                 |         | 1                  |         |
| Stockton, Calif.     | 36,209  | 12  | 4           |         |          |         | 1                 |         |                    |         |
| Superior, Wis.       | 47,167  | 13  | 4           | 1       |          |         |                   |         |                    |         |
| Syracuse, N. Y.      | 158,559   | 36  | 12          |         |          |         | 5                 |         | 4                  | 1       |
| Tacoma, Wash.        | 117,446   |   | 4           |         |          |         | 2                 |         |                    |         |
| Taunton, Mass.       | 36,610  | 15  |             |         |          |         | 2                 |         |                    |         |
| Terre Haute, Ind.    | 67,361  | 13  |             |         |          |         |                   |         | 2                  | 3       |
| Tiffin, Ohio.        | 12,962  | 3   |             |         |          |         |                   |         |                    |         |
| Toledo, Ohio.        | 202,010   | 39  | 11          |         | 3        |         | 4                 | 1       |                    | 3       |
| Topeka, Kans.        | 49,538  | 12  | 1           |         | 1        |         |                   |         |                    |         |
| Trenton, N. J.       | 113,974   | 48  | 5           |         |          |         | 1                 |         | 7                  | 1       |
| Troy, N. Y.          | 78,094  | 21  | 1           |         |          |         |                   |         | 11                 | 2       |
| Tuscaloosa, Ala.     | 10,824  | 2   | 1           |         |          |         |                   |         | 1                  |         |
| Uniontown, Pa.       | 21,600  |   |             |         |          |         |                   |         |                    |         |
| Vallejo, Calif.      | 13,803  | 4   | 3           |         |          |         | 1                 |         |                    |         |
| Vancouver, Wash.     | 13,805  |   |             |         |          |         | 2                 |         |                    |         |
| Waco, Tex.           | 34,015  | 16  | 4           |         |          |         |                   |         |                    |         |
| Walla Walla, Wash.   | 26,067  |   | 2           |         |          |         |                   |         |                    |         |
| Waltham, Mass.       | 31,011  | 4   | 3           |         |          |         |                   |         |                    |         |
| Washington, D. C.    | 369,282   | 99  | 6           | 2       |          |         | 7                 |         | 10                 | 10      |
| Washington, Pa.      | 22,076  |   | 1           |         |          |         |                   |         |                    |         |
| Waterbury, Conn.     | 89,201  | 2   | 9           |         |          |         | 3                 |         | 5                  | 2       |
| Watertown, Mass.     | 15,188  | 1   | 1           |         |          |         |                   |         |                    |         |
| Wausau, Wis.         | 19,666  | 2   |             |         |          |         |                   |         |                    |         |
| West Chester, Pa.    | 13,403  |   |             |         |          |         |                   |         |                    |         |
| Westfield, Mass.     | 18,769  | 4   | 4           |         |          |         | 3                 |         |                    |         |
| West Hoboken, N. J.  | 44,386  | 2   |             |         | 1        |         | 4                 |         | 1                  | 1       |
| West New York, N. J. | 19,613  | 2   |             |         |          |         | 1                 |         |                    |         |
| West Orange, N. J.   | 13,964  | 2   |             |         |          |         | 3                 |         |                    |         |
| Wheeling, W. Va.     | 43,657  | 17  |             |         | 1        |         |                   |         |                    | 1       |
| White Plains, N. Y.  | 23,311  | 5   |             |         | 1        |         | 1                 |         |                    |         |
| Wichita, Kans.       | 73,597  |   |             |         |          |         | 2                 |         |                    |         |
| Wilkes Barre, Pa.    | 78,334  |   | 4           |         | 1        |         | 1                 |         | 2                  |         |
| Williamsburg, Pa.    | 23,899  |   |             |         |          |         |                   |         | 1                  |         |
| Williamsport, Pa.    | 34,123  |   | 1           |         | 2        |         | 1                 |         |                    |         |
| Wilmington, Del.     | 95,369  | 24  | 3           | 1       |          |         | 1                 |         | 2                  | 2       |
| Winchester, Mass.    | 10,812  | 3   |             |         |          |         |                   |         |                    |         |
| Winona, Minn.        | 18,583  |   |             |         |          |         |                   |         | 1                  |         |
| Winston-Salem, N. C. | 33,136  | 12  | 3           |         |          |         |                   |         | 2                  | 1       |
| Winthrop, Mass.      | 13,105  | 0   | 1           |         |          |         |                   |         | 1                  |         |
| Woburn, Mass.        | 16,076  | 2   |             |         |          |         |                   |         |                    |         |
| Worcester, Mass.     | 166,106   | 43  | 6           |         | 1        |         | 2                 |         | 6                  | 4       |
| Yonkers, N. Y.       | 109,066   | 18  | 3           |         |          |         | 1                 |         | 10                 | 1       |
| York, Pa.            | 52,770  |   | 5           |         | 5        |         | 3                 |         | 2                  |         |
| Youngstown, Ohio.    | 112,282   | 19  | 3           |         |          |         | 7                 |         | 5                  | 2       |
| Zanesville, Ohio.    | 31,320  | 6   |             |         |          |         |                   |         |                    |         |

<sup>1</sup> Population Apr. 15, 1910.

## FOREIGN.

### INDIA.

#### Influenza Mortality—Rangoon—July–December, 1918.

According to the annual report of the health officer of Rangoon (Burma), India, 3,699 deaths from influenza were reported there during the six months ended December 31, 1918; 531 deaths from pneumonia and 1,162 from other respiratory diseases were reported during the same period. The distribution of these deaths by months and the annual death rates per 1,000 population are shown in the following table:

| Month.          | Number of deaths. |            |                             | Annual death rate per 1,000 population. |            |                             |
|-----------------|-------------------|------------|-----------------------------|---|------------|-----------------------------|
|                 | Influenza.        | Pneumonia. | Other respiratory diseases. | Influenza.                              | Pneumonia. | Other respiratory diseases. |
| 1918.           |                   |            |                             |   |            |                             |
| July.....       | 2                 | 36         | 169                         | 0.1                                     | 1.3        | 6.2                         |
| August.....     | 13                | 90         | 227                         | .5                                      | 3.3        | 8.3                         |
| September.....  | 123               | 88         | 252                         | 4.6                                     | 3.3        | 9.5                         |
| October.....    | 1,809             | 182        | 269                         | 65.9                                    | 6.6        | 9.8                         |
| November.....   | 1,155             | 89         | 133                         | 43.5                                    | 3.4        | 5.0                         |
| December.....   | 597               | 46         | 112                         | 21.8                                    | 1.7        | 4.1                         |
| Six months..... | 3,699             | 531        | 1,162                       | 22.7                                    | 3.3        | 7.1                         |

\*The estimated population of Rangoon for the mid year 1918, was 323,157.

The persons chiefly affected by the disease were the coolie class and domestic servants. In the latter part of the year the better class of Indians also suffered severely. Among Mohammedans and Burmese the deaths occurred chiefly in the poorer class, but to a less degree than among Hindus.

The height of the epidemic was reached in the week ended November 2, 1918. The cases were at first mild in character, but at the height of the rise a large number were complicated with virulent pneumonia.

The distribution according to races was as follows:

|                    | Deaths. |
|--------------------|---------|
| Europeans.....     | 10      |
| Anglo-Indians..... | 25      |
| Hindus.....        | 1,999   |
| Mohammedans.....   | 532     |
| Burmese.....       | 848     |
| Chinese.....       | 193     |
| Others.....        | 92      |
| Total.....         | 3,699   |

**Comparative Mortality Statistics—Years, 1913–1918.**

The number of deaths registered during the period 1913–1918, and death rates per 1,000 on estimated population, were stated as follows:

| Year.     | Deaths. | Death rates. | Year.     | Deaths. | Death rates. |
|-----------|---------|--------------|-----------|---------|--------------|
| 1913..... | 8,907   | 29.46        | 1916..... | 10,597  | 33.76        |
| 1914..... | 9,770   | 31.86        | 1917..... | 9,885   | 31.08        |
| 1915..... | 8,515   | 27.40        | 1918..... | 15,411  | 47.84        |

**SPAIN.****Influenza Mortality—May–December, 1918.**

Information published by the Institute of Geography and Statistics of Madrid, quoted in the Bulletin of the International Office of Public Hygiene for July, 1919, states the total number of fatalities from influenza reported in Spain from May to December, 1918, as 140,451. Of these, 948 occurred at Madrid (estimated population, Sept. 30, 1918, 634,253); 1,557 at Barcelona (estimated population, January, 1919, 800,000); at other provincial capitals, 13,496; other localities in Spain, 124,450. The data for the month of December are stated not to be complete.

From 741 fatalities in May, 1918, the number of influenza deaths in June, 1918, rose to 2,923, descending in July and August. The disease showed a recrudescence in September, 1918, with 7,837 deaths, and attained its culminating point in October with 73,484. In November the occurrence was 40,478.

The average mortality caused by influenza for the year 1918 was 7.20 per 1,000. The proportion exceeded that of pulmonary tuberculosis, which in 1918 caused 36,312 deaths, or a mortality of 2.99 per 1,000 in the provincial capitals and 1.25 per 1,000 for the rest of Spain.

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.****Reports Received During Week Ended Oct. 10, 1919.<sup>1</sup>****CHOLERA.**

| Place.        | Date.               | Cases. | Deaths. | Remarks.                       |
|---------------|---------------------|--------|---------|--------------------------------|
| China:        |                     |        |         |                                |
| Canton.....   | Aug. 10–16.....     | 1      | 1       | Epidemic.                      |
| Foochow.....  | July 27–Aug. 9..... | 7      | 7       |                                |
| Hongkong..... | Aug. 3–23.....      | 3      | 1       |                                |
| Shanghai..... | Aug. 11–31.....     | 80     | 35      |                                |
| Tientsin..... | Aug. 17–23.....     | 58     | 35      |                                |
| Tsingtao..... | Aug. 18–31.....     |        |         | Present; 30 miles from Swatow. |
| Ungkung.....  | Aug. 16.....        |        |         |                                |
| India:        |                     |        |         |                                |
| Bombay.....   | July 27–Aug. 2....  | 33     | 18      |                                |
| Calcutta..... | Aug. 3–9.....       |        | 6       |                                |
| Madras.....   | Aug. 10–16.....     | 1      |         |                                |
| Rangoon.....  | July 20–Aug. 2....  | 24     | 23      |                                |

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received During Week Ended Oct. 10, 1919—Continued.**

## **CHOLERA—Continued.**

| Place.               | Date.              | Cases. | Deaths. | Remarks.                                      |
|----------------------|--------------------|--------|---------|---|
| Indo-China:          |                    |        |         |   |
| Cochin-China—        |                    |        |         |   |
| Saigon.....          | July 28-Aug. 10... | 25     | 20      |   |
| Japan:               |                    |        |         |   |
| Taiwan Island.....   | July 27-Aug. 12... | 350    | 230     |   |
| Tokyo.....           | Aug. 18-24.....    | 4      |         |   |
| Java:                |                    |        |         |   |
| East Java.....       |                    |        |         | June 25-July 15, 1919: Cases, 16; deaths, 18. |
| Surabaya.....        | June 25-July 15... | 15     | 13      |   |
| West Java.....       |                    |        |         | July 18-Aug. 2, 1919: Cases, 10; deaths, 5.   |
| Batavia.....         | Aug. 2-8.....      | 1      |         |   |
| Straits Settlements: |                    |        |         |   |
| Singapore.....       | Sept. 30.....      |        |         | Present.                                      |

## **PLAGUE.**

|                        |                    |    |    |  |
|------------------------|--------------------|----|----|--|
| China:                 |                    |    |    |  |
| Hongkong.....          | Aug. 3-9.....      | 2  | 2  |  |
| India:                 |                    |    |    |  |
| Bombay.....            | July 27-Aug. 2...  | 6  | 4  |  |
| Madras Presidency..... | Aug. 10-16.....    | 92 | 63 |  |
| Rangoon.....           | July 20-Aug. 2...  | 62 | 59 |  |
| Indo-China:            |                    |    |    |  |
| Cochin-China—          |                    |    |    |  |
| Saigon.....            | July 28-Aug. 10... | 4  | 3  |  |
| Java:                  |                    |    |    |  |
| East Java.....         |                    |    |    | July 23-29, 1919: Cases, 34; deaths, 34. |
| Straits Settlements:   |                    |    |    |  |
| Singapore.....         | July 12-18.....    | 1  | 1  |  |

## **SMALLPOX.**

|                 |                    |     |    |   |
|-----------------|--------------------|-----|----|---|
| Canada:         |                    |     |    |   |
| Nova Scotia—    |                    |     |    |   |
| Halifax.....    | Sept. 14-20.....   | 1   |    | Counties, Sept. 6-20, 1919: East Hants, West Hants, Halifax, and Richmond. Present. |
| Ontario—        |                    |     |    |   |
| Province.....   |                    |     |    | July 1-31, 1919: Cases, 51; deaths, 1.  |
| North Bay.....  | Sept. 21-27.....   | 1   |    |   |
| Quebec—         |                    |     |    |   |
| Montreal.....   | Sept. 21-27.....   | 1   |    |   |
| Quebec.....     | Sept. 14-20.....   | 3   |    |   |
| Ceylon:         |                    |     |    |   |
| Colombo.....    | July 27-Aug. 2...  | 1   |    |   |
| China:          |                    |     |    |   |
| Canton.....     | Aug. 10-16.....    |     |    | Present.  |
| Chungking.....  | Aug. 3-23.....     |     |    | Do.   |
| Foochow.....    | July 27-Aug. 9...  |     |    | Do.   |
| Nanking.....    | Aug. 18-30.....    |     |    | Do.   |
| Cuba:           |                    |     |    |   |
| Habana.....     | Sept. 22.....      | 1   |    | In physician treating previous cases in hospital.                                   |
| Egypt:          |                    |     |    |   |
| Alexandria..... | Aug. 20-26.....    | 4   | 6  |   |
| Cairo.....      | June 18-July 1...  | 158 | 52 |   |
| France:         |                    |     |    |   |
| Paris.....      | Aug. 24-30.....    | 6   |    |   |
| Great Britain:  |                    |     |    |   |
| Liverpool.....  | Aug. 31-Sept. 6... | 1   |    |   |
| Manchester..... | Aug. 24-Sept. 6... | 3   |    |   |
| Greece:         |                    |     |    |   |
| Saloniki.....   | Aug. 3-23.....     |     | 15 |   |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received During Week Ended Oct. 10, 1919—Continued.**

## **SMALLPOX—Continued.**

| Place.               | Date.               | Cases. | Deaths. | Remarks.                                      |
|----------------------|---------------------|--------|---------|---|
| India:               |                     |        |         |   |
| Bombay.....          | July 27-Aug. 2....  | 12     | 5       |   |
| Calcutta.....        | Aug. 3-9.....       |        | 20      |   |
| Madras.....          | Aug. 10-16.....     | 41     | 11      |   |
| Rangoon.....         | July 29-Aug. 2....  | 21     | 5       |   |
| Italy:               |                     |        |         |   |
| Genoa.....           | Aug. 25-31.....     | 1      |         |   |
| Messina.....         | Aug. 4-24.....      | 145    | 50      |   |
| Naples.....          | Aug. 11-17.....     | 2      | 5       |   |
| Turin.....           | Aug. 18-Sept. 7.... | 3      |         |   |
| Japan:               |                     |        |         |   |
| Kobe.....            | Sept. 1-7.....      | 1      | 1       |   |
| Taiwan Island.....   | July 30-Aug. 12.... | 4      |         |   |
| Java:                |                     |        |         |   |
| East Java.....       |                     |        |         | July 9-15, 1919: Cases, 2.                    |
| West Java.....       |                     |        |         | July 25-Aug. 8, 1919: Cases, 154; deaths, 39. |
| Batavia.....         | July 25-31.....     | 3      | 2       |   |
| Manchuria:           |                     |        |         |   |
| Mukden.....          | Aug. 3-23.....      |        |         | Present.                                      |
| Mexico:              |                     |        |         |   |
| Mexico City.....     | Aug. 24-Sept. 6.... | 2      |         |   |
| Salina Cruz.....     | Sept. 1-15.....     | 1      |         |   |
| San Luis Potosi..... | Sept. 14-20.....    |        | 1       |   |
| Tehuantepec.....     | Sept. 16.....       | 2      |         |   |
| Siberia:             |                     |        |         |   |
| Vladivostok.....     | July 18-31.....     | 4      |         |   |
| Spain:               |                     |        |         |   |
| Barcelona.....       | Aug. 20-26.....     |        | 2       |   |

## **TYPHUS FEVER.**

| Place.               | Date.               | Cases. | Deaths. | Remarks.   |
|----------------------|---------------------|--------|---------|--|
| Egypt:               |                     |        |         |  |
| Alexandria.....      | Aug. 20-26.....     | 21     | 2       |  |
| Cairo.....           | June 18-July 1....  | 620    | 289     |  |
| Greece:              |                     |        |         |  |
| Athens.....          | July 21-27.....     |        | 1       |  |
| Salonki.....         | Aug. 2-23.....      |        | 15      |  |
| Italy:               |                     |        |         |  |
| Naples.....          | Aug. 11-17.....     |        | 2       | July 18-Aug. 3, 1919: 6 cases in 3 provinces, in civil population. |
| Venice.....          | Sept. 1-7.....      | 13     | 3       |  |
| Japan:               |                     |        |         |  |
| Nagasaki.....        | .....do.....        | 2      |         |  |
| Mesopotamia:         |                     |        |         |  |
| Bagdad.....          | July 26-Aug. 31.... | 2      |         |  |
| Mexico:              |                     |        |         |  |
| Mexico City.....     | Aug. 24-Sept. 6.... | 48     |         |  |
| San Luis Potosi..... | Sept. 14-20.....    |        |         | Present.   |
| Siberia:             |                     |        |         |  |
| Vladivostok.....     | July 18-31.....     | 27     | 8       |  |

**Reports Received from June 28 to Oct. 3, 1919.**

## **CHOLERA.**

| Place.        | Date.              | Cases. | Deaths. | Remarks.   |
|---------------|--------------------|--------|---------|--|
| Ceylon:       |                    |        |         |  |
| Colombo.....  | Apr. 20-26.....    | 10     |         |  |
| China:        |                    |        |         |  |
| Amoy.....     | June 17-30.....    |        | 25      |  |
| Do.....       | July 1-28.....     |        | 47      |  |
| Antung.....   | Aug. 5-31.....     | 662    | 261     |  |
| Canton.....   | June 8-21.....     | 10     | 3       |  |
| Do.....       | June 29-Aug. 9.... | 18     | 10      |  |
| Foochow.....  | July 10-26.....    |        |         | Present in foreign section, Island of Shamien, Aug. 8.   |
| Hongkong..... | July 13-Aug. 2.... | 5      | 5       | To July 16: Average of 100 fatalities daily. To July 26: Average of 30 cases daily. Five fatal cases European. |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **CHOLERA—Continued.**

| Place.                  | Date.                | Cases. | Deaths. | Remarks.  |
|-------------------------|----------------------|--------|---------|---|
| China—Continued.        |                      |        |         |   |
| Shanghai.....           | Aug. 6.....          | 1      |         | European. Choleraic disease prevalent from about July 15 with high mortality.   |
| Swatow.....             | May 25-June 28.....  |        | 90      |   |
| Do.....                 | June 29-Aug. 9.....  |        | 115     |   |
| Tientsin.....           | Aug. 10-16.....      | 84     | 4       | Cases are from reports of physicians from the foreign concessions and native city. Deaths are for the British concession. |
| Tsingtao.....           | July 6-12.....       | 1      |         |   |
| Chosen (Korea).....     | Aug. 15.....         | 3      |         |   |
| India:                  |                      |        |         |   |
| Bombay.....             | Apr. 28-June 28..... | 84     | 55      |   |
| Do.....                 | June 29-July 20..... | 95     | 51      |   |
| Calcutta.....           | May 4-June 21.....   |        | 617     |   |
| Do.....                 | June 29-Aug. 2.....  |        | 94      |   |
| Karachi.....            | July 24-30.....      | 3      | 2       |   |
| Madras.....             | May 18-June 28.....  | 29     | 19      | Jan. 19-25, 1919: Cases, 113; deaths, 75.   |
| Do.....                 | July 12-Aug. 9.....  | 32     | 18      |   |
| Rangoon.....            | Apr. 28-June 28..... | 108    | 85      |   |
| Do.....                 | June 29-July 29..... | 39     | 33      |   |
| Indo-China:             |                      |        |         |   |
| Cochin-China—           |                      |        |         |   |
| Saigon.....             | Apr. 21-June 29..... | 386    | 272     | City and district.  |
| Japan:                  |                      |        |         |   |
| Pascadores Islands..... | July 14.....         | 49     |         | In one village.   |
| Taiwan Island.....      |                      |        |         | July 2-15, 1919: Cases, 48; deaths, 15.   |
| Keelung.....            | Aug. 8.....          |        |         | Present in vicinity.  |
| Taihoku.....            | do.....              |        |         | Present.  |
| Java:                   |                      |        |         |   |
| East Java.....          |                      |        |         | Apr. 2-June 20, 1919: Cases, 613; deaths, 507.  |
| Surabaya.....           | Apr. 23-June 20..... | 97     | 79      |   |
| Mid-Java.....           |                      |        |         | Mar. 28-May 30, 1919: Cases, 1,914; deaths, 1,525.  |
| Samarang.....           | Mar. 28-May 30.....  | 89     | 84      |   |
| West Java.....          |                      |        |         | May 2-June 26, 1919: Cases, 106; deaths, 67.  |
| Batavia.....            | May 2-June 5.....    | 12     | 5       |   |
| Manchuria:              |                      |        |         |   |
| Dairen.....             | Aug. 12.....         |        |         | Present.  |
| Harbin.....             | Aug. 7.....          |        |         | Present and in surrounding country. Aug. 14: Epidemic, with an estimated number of from 150 to 200 deaths.                |
| Persia:                 |                      |        |         |   |
| Ardebil.....            | May 2.....           |        |         | Present.  |
| Enzeli.....             | Apr. 23.....         | 1      |         |   |
| Khorram-Ahab.....       | May 3.....           |        |         | Outbreak.   |
| Mianedge.....           | Apr. 28.....         |        |         | Do.   |
| Zindjan.....            | Apr. 21-May 4.....   |        | 49      |   |
| Philippine Islands:     |                      |        |         |   |
| Manila.....             | Apr. 26-June 28..... | 11     | 5       |   |
| Do.....                 | June 29-Aug. 2.....  | 261    | 133     |   |
| Provinces.....          |                      |        |         | May 4-24, 1919: Cases, 567; deaths, 383.  |
| Batangas.....           | May 4-24.....        | 25     | 23      |   |
| Bulacan.....            | do.....              | 48     | 25      |   |
| Cebu.....               | do.....              | 162    | 84      |   |
| Laguna.....             | do.....              | 20     | 15      |   |
| Mindoro.....            | do.....              | 19     | 14      |   |
| Misamis.....            | do.....              | 9      | 2       |   |
| Pampanga.....           | do.....              | 166    | 131     |   |
| Tayabas.....            | do.....              | 118    | 89      |   |
| Provinces.....          |                      |        |         | June 1-28, 1919: Cases, 615; deaths 435.  |
| Batangas.....           | June 1-28.....       | 79     | 61      |   |
| Bohol.....              | June 15-28.....      | 11     | 8       |   |
| Bulacan.....            | June 1-28.....       | 63     | 27      |   |
| Cavite.....             | June 8-28.....       | 23     | 14      |   |
| Cebu.....               | June 22-28.....      | 24     | 11      |   |
| Laguna.....             | June 8-21.....       | 16     | 13      |   |
| Hocos Sur.....          | June 15-21.....      | 1      |         |   |
| Nueva Ecija.....        | June 1-28.....       | 60     | 39      |   |
| Pampanga.....           | do.....              | 105    | 79      |   |
| Pangasinan.....         | June 8-28.....       | 113    | 81      |   |
| Tayabas.....            | do.....              | 108    | 81      |   |
| Union.....              | June 22-28.....      | 7      | 7       |   |
| Provinces.....          |                      |        |         | June 29-Aug. 16, 1919: Cases, 8,253; deaths, 5,914.   |
| Ambos Camarines.....    | July 27-Aug. 16..... | 117    | 66      |   |
| Bataan.....             | July 6-Aug. 9.....   | 8      | 7       |   |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **CHOLERA—Continued.**

| Place.                            | Date.               | Cases. | Deaths. | Remarks.  |
|-----------------------------------|---------------------|--------|---------|---|
| <b>Philippine Islands—Cont'd.</b> |                     |        |         |   |
| <b>Provinces—Continued.</b>       |                     |        |         |   |
| Batangas.....                     | June 29-Aug. 16.... | 668    | 536     |   |
| Bohol.....                        | do.....             | 31     | 24      |   |
| Bulacan.....                      | do.....             | 435    | 320     |   |
| Cavite.....                       | do.....             | 174    | 115     |   |
| Cebu.....                         | June 29-July 26.... | 84     | 41      |   |
| Ilocos Norte.....                 | Aug. 10-16.....     | 3      | 3       |   |
| Ilocos Sur.....                   | July 20-Aug. 9....  | 177    | 120     |   |
| Iloilo.....                       | July 6-Aug. 16....  | 33     | 23      |   |
| Laguna.....                       | do.....             | 164    | 121     |   |
| Mindoro.....                      | July 20-26.....     | 125    | 45      |   |
| Misamis.....                      | do.....             | 6      | 4       |   |
| Mountain.....                     | July 6-12.....      | 9      | 2       |   |
| Nueva Ecija.....                  | June 29-Aug. 16.... | 424    | 298     |   |
| Oriental Negros.....              | July 27-Aug. 16.... | 112    | 60      |   |
| Pampanga.....                     | June 27-Aug. 16.... | 546    | 441     |   |
| Pangasinan.....                   | do.....             | 3,962  | 2,843   |   |
| Rizal.....                        | July 13-Aug. 16.... | 370    | 228     |   |
| Sorsogon.....                     | July 27-Aug. 16.... | 23     | 21      |   |
| Tayabas.....                      | June 29-Aug. 16.... | 329    | 266     |   |
| Union.....                        | July 6-Aug. 16....  | 402    | 291     |   |
| Zambales.....                     | July 13-19.....     | 1      | 1       |   |
| <b>Siam:</b>                      |                     |        |         |   |
| Bangkok.....                      | Apr. 12-June 28.... |        | 697     |   |
| Do.....                           | June 30-Aug. 2....  |        | 28      |   |
| <b>Straits Settlements:</b>       |                     |        |         |   |
| Singapore.....                    | July 14-27.....     | 80     | 69      |   |
| <b>Sumatra:</b>                   |                     |        |         |   |
| Medan.....                        | June 29-July 13-26. | 8      | 1       | Present in neighboring villages, June-July, 1919. |
| <b>Turkey:</b>                    |                     |        |         |   |
| Constantinople.....               | July 28.....        |        |         | Present.  |
| <b>On vessel:</b>                 |                     |        |         |   |
| Steamship.....                    | Aug. 17.....        | 1      |         | At Yokohama, from Shanghai, Aug. 12, 1919.        |

## **PLAGUE.**

|                             |                     |    |    |   |
|-----------------------------|---------------------|----|----|---|
| <b>Brazil:</b>              |                     |    |    |   |
| Ceara.....                  | Sept. 8.....        |    |    | Present.  |
| Pernambuco.....             | May 26-June 1....   |    | 1  |   |
| <b>British East Africa:</b> |                     |    |    |   |
| Kisumu.....                 | May 18-June 28....  |    |    | Present. Zanzibar Island.   |
| Do.....                     | June 29-July 26.... |    |    | Do.   |
| Nairobi.....                | June 15-21.....     | 1  |    |   |
| <b>Chile:</b>               |                     |    |    |   |
| Antofagasta.....            | Aug. 18-23.....     | 3  |    |   |
| <b>China:</b>               |                     |    |    |   |
| Amoy.....                   | June 17-23.....     |    | 1  |   |
| Canton.....                 | May 25-June 28....  |    |    | Present. Apr. 27-May 10, 1919; Cases, 3; present May 24-June 7, 1919. |
| Foochow.....                | May 18-24.....      |    |    |   |
| Hongkong.....               | June 15-28.....     | 42 | 33 |   |
| Do.....                     | June 29-Aug. 2....  | 33 | 29 |   |
| <b>Ecuador:</b>             |                     |    |    |   |
| Guayaquil.....              | June 16-30.....     | 2  | 1  |   |
| Pozorja.....                | June 1-30.....      | 3  | 1  | Bathing place 65 kilometers from Guayaquil.                           |
| <b>Egypt.....</b>           |                     |    |    |   |
| <b>Cities—</b>              |                     |    |    |   |
| Alexandria.....             | July 23-29.....     | 1  |    | Jan. 1-Aug. 6, 1919: Cases, 740; deaths, 405.                         |
| Ismailia.....               | July 29.....        | 2  |    |   |
| Cairo.....                  | May 1.....          |    | 1  |   |
| Kantarab.....               | June 19-20.....     | 4  | 2  |   |
| Do.....                     | July 31-Aug. 3....  | 2  | 3  |   |
| Port Said.....              | May 1-June 28....   | 9  | 10 | Two European. Septicemic.   |
| Do.....                     | July 4-Aug. 2....   | 2  | 4  |   |
| Suez.....                   | June 5-11.....      | 3  | 3  |   |
| <b>Provinces—</b>           |                     |    |    |   |
| Assiout.....                | May 17-June 24....  | 80 | 41 |   |
| Do.....                     | July 3-Aug. 6....   | 7  | 3  |   |
| Beni-Souef.....             | May 19-June 21....  | 6  | 5  |   |
| Fayoum.....                 | May 18-July 5....   | 10 | 7  |   |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **PLAGUE—Continued.**

| Place.                      | Date.                | Cases. | Deaths. | Remarks.  |
|-----------------------------|----------------------|--------|---------|---|
| Egypt—Continued.            |                      |        |         |   |
| Provinces—Continued.        |                      |        |         |   |
| Girgeh.....                 | May 15-July 8.....   | 32     | 10      |   |
| Menoufia.....               | June 8-24.....       | 5      | 1       |   |
| Minieh.....                 | May 24-June 25.....  | 29     | 11      |   |
| Do.....                     | July 5-7.....        | 3      | 1       |   |
| France:                     |                      |        |         |   |
| Marseille.....              | Aug. 16-Sept. 2..... | 5      | 3       |   |
| Great Britain:              |                      |        |         |   |
| Liverpool.....              | July 30.....         | 1      | 1       | In dock laborer.  |
| Hawaii:                     |                      |        |         |   |
| Ah Poi Camp.....            | Aug. 9.....          | 1      | 1       |   |
| Paauhau.....                | July 19.....         | 1      | 1       |   |
| Kukuiaia.....               | Sept. 23.....        | 3      | 3       |   |
| Paauilo.....                | Sept. 25.....        | 2      | 1       |   |
| India.....                  |                      |        |         |   |
| Bombay.....                 | Apr. 28-June 28..... | 278    | 202     | Apr. 27-June 28, 1919: Cases, 8,645; deaths, 6,933. June 29-July 26, 1919: Cases, 1,466; deaths, 1,109.                 |
| Do.....                     | June 29-July 19..... | 26     | 15      |   |
| Calcutta.....               | May 18-June 14.....  | .....  | 38      |   |
| Do.....                     | June 28-Aug. 2.....  | .....  | 22      |   |
| Karachi.....                | May 18-June 28.....  | 145    | 132     |   |
| Do.....                     | June 29-Aug. 9.....  | 42     | 39      |   |
| Madras.....                 | .....                | .....  | .....   | Jan. 19-25, 1919: Cases, 2; deaths, 1.  |
| Madras Presidency.....      | July 6-Aug. 9.....   | 289    | 174     | Jan. 19-25, 1919: Cases, 586; deaths, 347. May 30-June 5, 1919: Cases, 37; deaths, 28.                                  |
| Rangoon.....                | Apr. 28-June 28..... | 75     | 63      |   |
| Do.....                     | July 6-12.....       | 55     | 50      |   |
| Indo-China:                 |                      |        |         |   |
| Cochin China—               | .....                | .....  | .....   |   |
| Saigon.....                 | Apr. 21-June 29..... | 31     | 23      | City and district.  |
| Japan:                      |                      |        |         |   |
| Yokohama.....               | June 9-15.....       | 1      | 1       |   |
| Java:                       |                      |        |         |   |
| East Java.....              | .....                | .....  | .....   |   |
| Surabaya.....               | Apr. 23-June 3.....  | 7      | 7       | Apr. 8-June 28, 1919: Cases, 130; deaths, 130.  |
| Mid-Java.....               | .....                | .....  | .....   | Apr. 26-May 30, 1919: Cases, 23; deaths, 23.  |
| Samarang.....               | Apr. 26-May 20.....  | 10     | 10      |   |
| Mesopotamia:                |                      |        |         |   |
| Bagdad.....                 | Apr. 19-June 20..... | 346    | 269     |   |
| Do.....                     | July 19-25.....      | 2      | 1       |   |
| Basra.....                  | May 3-10.....        | 108    | 89      | Including suburb of Ashar. Total from date of outbreak, March, 1919, to June 24, 1919: Cases, 396; deaths, 256.         |
| Siam:                       |                      |        |         |   |
| Bangkok.....                | Apr. 27-May 17.....  | 2      | 2       |   |
| Straits Settlements:        |                      |        |         |   |
| Singapore.....              | Apr. 13-26.....      | 2      | 1       |   |
| Do.....                     | July 14-27.....      | 10     | 6       |   |
| On vessel:                  |                      |        |         |   |
| S. S. City of Sparta.....   | Apr. 19-21.....      | 1      | 1       | From Bombay Apr. 3, 1919: Case, a soldier at sea.   |
| Do.....                     | May 13-17.....       | 1      | 1       | At Liverpool: Case, a native member of the crew. (Public Health Reports, June 27, 1919, p. 1463.)                       |
| S. S. Framlington Court.... | July 25.....         | 1      | .....   | From Alexandria, May 30; from Montreal, July 4; from Sydney, Nova Scotia, July 9; at Avonmouth, England, July 22, 1919. |

## **SMALLPOX.**

|                   |                    |    |   |                                 |
|-------------------|--------------------|----|---|---------------------------------|
| Algeria:          |                    |    |   |                                 |
| Algiers.....      | June 1-30.....     | 1  | 1 |                                 |
| Do.....           | July 1-31.....     | 13 | 5 |                                 |
| Arabia:           |                    |    |   |                                 |
| Aden.....         | May 13-19.....     |    | 1 |                                 |
| Austria:          |                    |    |   |                                 |
| Salzburg.....     | Mar. 9-Apr. 5..... | 50 |   | Mar. 9-Apr. 5, 1919: Cases, 92. |
| Vienna.....       | do.....            | 17 |   |                                 |
| Azores:           |                    |    |   |                                 |
| St. Michaels..... | June 7-20.....     | 1  |   |                                 |



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **SMALLPOX—Continued.**

| Place.                            | Date.               | Cases. | Deaths. | Remarks.  |
|-----------------------------------|---------------------|--------|---------|---|
| <b>Brazil:</b>                    |                     |        |         |   |
| Bahia.....                        | Apr. 20-June 7....  | 4      | .....   |   |
| Pernambuco.....                   | May 4-25.....       | 5      | .....   |   |
| Rio de Janeiro.....               | May 11-June 21....  | 61     | 20      | Jan. 1-May 3, 1919: Cases, 10.                              |
| Do.....                           | June 30-Aug. 9....  | 148    | 46      |   |
| <b>British East Africa:</b>       |                     |        |         |   |
| Kisumu.....                       | Mar. 2-8.....       | 1      | 1       | Zanzibar Island.  |
| Mombasa.....                      | Mar. 1-June 7.....  | 275    | 37      |   |
| Mtebba.....                       | Mar. 24-Apr. 6....  | .....  | .....   | Present. In Uganda.   |
| Nairobi.....                      | Mar. 1-May 31....   | 3      | .....   |   |
| Prison Island Quarantine Station. | .....               | 1      | 1       | Zanzibar Island. In February, 1919. From vessel from India. |
| <b>Canada:</b>                    |                     |        |         |   |
| <b>British Columbia—</b>          |                     |        |         |   |
| Vancouver.....                    | June 15-Sept. 11... | 8      | .....   |   |
| <b>New Brunswick—</b>             |                     |        |         |   |
| Campbellton.....                  | June 15-21.....     | 1      | .....   |   |
| Moncton.....                      | July 6-12.....      | 1      | .....   |   |
| St. John.....                     | July 27-Aug. 2....  | 1      | .....   |   |
| <b>Nova Scotia—</b>               |                     |        |         |   |
| <b>Cities—</b>                    |                     |        |         |   |
| Bridgenorth.....                  | July 27-Aug. 9....  | .....  | .....   | A few cases; mild.  |
| Halifax.....                      | June 15-Sept. 6.... | 133    | .....   |   |
| Sydney.....                       | June 8-21.....      | 3      | .....   |   |
| Do.....                           | Aug. 1-Sept. 6....  | 4      | .....   |   |
| <b>Counties—</b>                  |                     |        |         |   |
| Antigonish.....                   | June 28-Sept. 6.... | .....  | .....   | Present.  |
| Colchester.....                   | do.....             | .....  | .....   | Do.   |
| Cumberland.....                   | do.....             | .....  | .....   | Do.   |
| Guysborough.....                  | do.....             | .....  | .....   | Do.   |
| Halifax.....                      | do.....             | .....  | .....   | Do.   |
| Hants.....                        | do.....             | .....  | .....   | Do.   |
| Kings.....                        | Aug. 10-16.....     | .....  | .....   | Do.   |
| Lunenburg.....                    | June 28-Aug. 16.... | .....  | .....   | Do.   |
| Pictou.....                       | July 20-Aug. 16.... | .....  | .....   | Present. Also on Cape Breton Island.                        |
| <b>Ontario—</b>                   |                     |        |         |   |
| <b>Province.....</b>              |                     |        |         | May 1-June 30, 1919: Cases, 166; deaths, 4.                 |
| Hamilton.....                     | June 29-Aug. 2....  | 2      | .....   |   |
| Harwich.....                      | May 1-31.....       | 14     | 2       | Township in Kent County.                                    |
| Ottawa.....                       | June 15-21.....     | 2      | .....   |   |
| Do.....                           | June 29-Sept. 6.... | 3      | .....   |   |
| Peterborough.....                 | June 15-21.....     | 4      | .....   |   |
| Toronto.....                      | Aug. 31-Sept. 6.... | 1      | .....   |   |
| Walpole Island.....               | May 1-31.....       | 42     | .....   | Kent County. Island in Lake St. Clair. Among Indians.       |
| <b>Prince Edward Island—</b>      |                     |        |         |   |
| Charlottetown.....                | July 16-Aug. 9....  | 8      | .....   |   |
| <b>Quebec—</b>                    |                     |        |         |   |
| Montreal.....                     | June 8-28.....      | 18     | .....   |   |
| Do.....                           | Aug. 24-Sept. 20... | 10     | .....   |   |
| Quebec.....                       | June 8-28.....      | 18     | .....   | June 8-14, 1919: 1 case on incoming vessel.                 |
| Do.....                           | July 5-Sept. 13.... | 38     | .....   |   |
| Restigouche.....                  | June 15-July 31.... | 40     | .....   | Estimated. On Indian reserve.                               |
| <b>Ceylon:</b>                    |                     |        |         |   |
| Colombo.....                      | May 1-31.....       | 4      | .....   |   |
| Do.....                           | July 13-23.....     | 1      | 1       | June 17-23: Present.  |
| <b>China:</b>                     |                     |        |         |   |
| Amoy.....                         | May 20-June 16....  | .....  | 13      |   |
| Do.....                           | July 8-21.....      | .....  | .....   | Present.  |
| Canton.....                       | May 18-June 21....  | .....  | .....   | Do.   |
| Do.....                           | July 1-Aug. 9....   | .....  | .....   | Do.   |
| Chefoo.....                       | June 8-21.....      | .....  | .....   | Do.   |
| Chungking.....                    | May 4-June 28....   | .....  | .....   | Do.   |
| Do.....                           | June 29-July 23.... | .....  | .....   | Do.   |
| Foochow.....                      | May 18-July 19....  | .....  | .....   | Do.   |
| Hongkong.....                     | May 18-June 28....  | 5      | 5       | Do.   |
| Nanking.....                      | May 25-June 28....  | .....  | .....   | Do.   |
| Do.....                           | June 29-Aug. 9....  | .....  | .....   | Do.   |
| <b>Chosen (Korea):</b>            |                     |        |         |   |
| Chemulpo.....                     | Apr. 1-June 30....  | 22     | 4       |   |
| Do.....                           | July 1-31.....      | 1      | 1       |   |
| Fusan.....                        | do.....             | 336    | 96      |   |
| Do.....                           | do.....             | 4      | .....   |   |
| Seoul.....                        | Apr. 1-May 31....   | 3      | 1       |   |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **SMALLPOX—Continued.**

| Place.                  | Date.              | Cases. | Deaths. | Remarks.   |
|-------------------------|--------------------|--------|---------|--|
| <b>Cuba:</b>            |                    |        |         |  |
| Habana.....             | Aug. 2-Sept. 10... | 3      | .....   | First case from S. S. Venezia, from Spanish ports; arrived Habana about July 20, 1919. Second case, contact. |
| <b>Czecho-Slovakia:</b> |                    |        |         |  |
| Prague.....             | May 18-June 21...  | 11     | 2       |  |
| <b>Denmark:</b>         |                    |        |         |  |
| Copenhagen.....         |                    |        |         | Apr. 2-23, 1919: Cases, 11.  |
| <b>Egypt:</b>           |                    |        |         |  |
| Alexandria.....         | May 14-June 21...  | 233    | 95      |  |
| Do.....                 | June 25-Aug. 19... | 195    | 97      |  |
| Cairo.....              | Jan. 2-May 20...   | 544    | 124     |  |
| <b>Finland:</b>         |                    |        |         |  |
| Provinces—              |                    |        |         | Apr. 16-June 30, 1919: Cases, 469. July 1-15, 1919: Cases, 44.   |
| Abo Och Bjornaborg...   | Apr. 16-June 30... | 13     | .....   |  |
| Kuopio.....             | do.....            | 88     | .....   |  |
| Do.....                 | July 1-15.....     | 1      | .....   |  |
| Finland.....            | Apr. 16-June 30... | 17     | .....   |  |
| St. Michael.....        | do.....            | 73     | .....   |  |
| Do.....                 | July 1-15.....     | 2      | .....   |  |
| Travastehus.....        | Apr. 16-June 30... | 63     | .....   |  |
| Do.....                 | July 1-15.....     | 5      | .....   |  |
| Vasa.....               | Apr. 16-June 14... | 12     | .....   |  |
| Viborg.....             | Apr. 16-June 30... | 340    | .....   |  |
| Do.....                 | July 1-15.....     | 36     | .....   |  |
| <b>France:</b>          |                    |        |         |  |
| Havre.....              | May 23-30.....     | 1      | .....   |  |
| Marseille.....          | May 1-June 30..... | .....  | 5       |  |
| Paris.....              | May 11-June 28...  | 17     | 28      |  |
| Do.....                 | June 23-Aug. 9...  | 42     | 5       |  |
| Gibraltar.....          | June 28-Aug. 16... | 1      | 2       | One from Bay.  |
| <b>Great Britain:</b>   |                    |        |         |  |
| Cardiff.....            | June 15-Aug. 30... | 8      | .....   |  |
| Dundee.....             | June 1-7.....      | 1      | .....   |  |
| Do.....                 | Aug. 18-23.....    | 9      | 6       |  |
| Glasgow.....            | June 8-21.....     | 5      | .....   |  |
| Liverpool.....          | June 22-28.....    | 1      | .....   |  |
| Do.....                 | June 29-Aug. 16... | 5      | .....   |  |
| London.....             | May 25-June 28...  | 13     | .....   |  |
| Do.....                 | June 29-Aug. 9...  | 18     | 2       |  |
| Manchester.....         | July 27-Aug. 16... | 8      | .....   |  |
| <b>Greece:</b>          |                    |        |         |  |
| Saloniki.....           | May 15-June 28...  | .....  | 48      |  |
| Do.....                 | June 29-Aug. 2...  | .....  | 28      |  |
| <b>India:</b>           |                    |        |         |  |
| Bombay.....             | Apr. 28-June 28... | 712    | 283     |  |
| Do.....                 | July 6-26.....     | 58     | 42      |  |
| Calcutta.....           | May 4-June 21...   | .....  | 444     |  |
| Do.....                 | June 29-Aug. 8...  | .....  | 68      |  |
| Karachi.....            | May 4-June 21...   | 28     | 17      |  |
| Madras.....             | May 18-June 28...  | 171    | 55      | Jan. 19-25, 1919: Cases, 29; deaths, 25.   |
| Do.....                 | July 6-Aug. 9...   | 195    | 96      |  |
| Rangoon.....            | Apr. 28-June 28... | 188    | 92      |  |
| Do.....                 | July 6-12.....     | 15     | 6       |  |
| <b>Indo China:</b>      |                    |        |         |  |
| Cochin China—           |                    |        |         |  |
| Saigon.....             | Apr. 21-May 18...  | 11     | 4       | City and district.   |
| <b>Italy:</b>           |                    |        |         |  |
| Genoa.....              | July 7-Aug. 17...  | 7      | .....   |  |
| Leghorn.....            | June 16-29.....    | 2      | .....   |  |
| Messina.....            | June 1-21.....     | 13     | .....   | Province, June 8-21, 1919: Cases, 23; deaths, 3.   |
| Do.....                 | June 29-Aug. 17... | 137    | 58      |  |
| Milan.....              | Mar. 1-June 30...  | 50     | 8       |  |
| Milazzo.....            | June 1-7.....      | 1      | 1       |  |
| Naples.....             | June 2-29.....     | 103    | 91      |  |
| Do.....                 | June 30-Aug. 10... | 120    | 114     |  |
| Palermo.....            | May 2-June 20...   | 39     | 5       |  |
| Do.....                 | June 28-July 5...  | 37     | 9       |  |
| Turin.....              | May 18-June 29...  | 5      | 1       |  |
| Do.....                 | July 6-Aug. 10...  | 5      | .....   |  |
| Venice.....             | May 26-June 1...   | 2      | .....   |  |
| <b>Japan:</b>           |                    |        |         |  |
| Kobe.....               | May 4-Aug. 2.....  | 172    | 77      |  |
| Nagoya.....             | June 1-7.....      | 1      | 1       |  |
| Taiwan Island.....      | May 21-July 29...  | 16     | 6       | Entire island.   |
| Tokyo.....              | May 1-June 5.....  | 2      | .....   |  |
| Yokohama.....           | May 26-June 1...   | 1      | .....   |  |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **SMALLPOX—Continued.**

| Place.                  | Date.                 | Cases. | Deaths. | Remarks.  |
|-------------------------|-----------------------|--------|---------|---|
| Java:                   |                       |        |         |   |
| East Java.....          |                       |        |         | Apr. 9-June 3, 1919: Cases, 3.  |
| Surabaya.....           | May 27-June 3.....    | 2      |         |   |
| Mid-Java.....           | Apr. 26-May 16.....   | 7      |         |   |
| West Java.....          |                       |        |         | May 2-June 26, 1919: Cases, 615; deaths, 148. June 27-July 17, 1919: Cases, 81; deaths, 19.   |
| Batavia.....            | Apr. 18-June 5.....   | 4      | 1       |   |
| Malta.....              | May 1-31.....         | 1      |         |   |
| Manchuria:              |                       |        |         |   |
| Dairen.....             | May 13-June 2.....    | 3      | 2       |   |
| Mukden.....             | July 6-19.....        |        |         | Present.  |
| Mesopotamia:            |                       |        |         |   |
| Bagdad.....             | May 29-30.....        | 1      |         |   |
| Mexico:                 |                       |        |         |   |
| Cananea.....            | Feb. 1-28.....        | 7      |         |   |
| Do.....                 | Apr. 1-30.....        | 1      |         | State of Sonora.  |
| Guadalajara.....        | June 1-30.....        | 1      |         |   |
| Mexico City.....        | June 1-28.....        | 20     | 1       |   |
| Do.....                 | June 29-July 5.....   | 2      |         |   |
| Piedras Negras.....     | June 22-28.....       | 2      | 2       |   |
| San Jeronimo.....       | June 17-30.....       | 5      |         |   |
| San Luis Potosi.....    | Sept. 7-13.....       |        | 1       |   |
| Vera Cruz.....          | July 6-19.....        | 4      |         | In State of Oaxaca.   |
| Do.....                 | June 29-Aug. 30.....  | 2      | 9       |   |
| Newfoundland:           |                       |        |         |   |
| St. Johns.....          | June 13-Sept. 20..... | 6      |         | June 13-27, 1919: Outports, 372 cases. June 28-Sept. 5, 1919: Cases, 58.  |
| Palestine:              |                       |        |         |   |
| Jaffa.....              | Jan. 30-Feb. 5.....   | 2      |         |   |
| Philippine Islands:     |                       |        |         |   |
| Manila.....             | May 11-17.....        | 1      |         |   |
| Portugal:               |                       |        |         |   |
| Lisbon.....             | July 26-Aug. 16.....  | 30     |         |   |
| Oporto.....             | June 1-28.....        | 25     | 13      |   |
| Do.....                 | June 29-Aug. 30.....  | 66     | 45      |   |
| Portuguese East Africa: |                       |        |         |   |
| Lourenco Marques.....   | Apr. 1-May 31.....    | 2      | 1       |   |
| Russia:                 |                       |        |         |   |
| Riga.....               | June 1-30.....        |        |         | Present.  |
| Siberia:                |                       |        |         |   |
| Vladivostok.....        | June 8-30.....        | 45     |         |   |
| Do.....                 | July 1-15.....        | 8      | 3       |   |
| Spain:                  |                       |        |         |   |
| Almeria.....            | May 18-June 30.....   | 68     | 6       |   |
| Barcelona.....          | May 15-June 19.....   | 3      | 6       |   |
| Do.....                 | June 26-Aug. 19.....  |        | 35      |   |
| Bilbao.....             | May 1-10.....         | 1      |         |   |
| Cadiz.....              | Apr. 1-May 31.....    |        | 5       |   |
| Do.....                 | July 1-31.....        |        | 2       |   |
| Madrid.....             | May 1-31.....         | 3      |         |   |
| Seville.....            | do.....               |        | 1       |   |
| Valencia.....           | May 11-June 29.....   | 233    | 15      |   |
| Do.....                 | July 14-Aug. 30.....  | 73     | 11      |   |
| Vigo.....               | Apr. 12.....          | 2      |         |   |
| Do.....                 | July 6-19.....        | 37     | 8       |   |
| Straits Settlements:    |                       |        |         |   |
| Singapore.....          | Mar. 24-May 17.....   | 6      | 3       | From vessel, Mar. 22, 1919: Present in villages in vicinity.  |
| Do.....                 | July 8-27.....        | 5      | 1       |   |
| Sumatra:                |                       |        |         |   |
| Medan.....              | June 26-July 12.....  |        |         | Present in surrounding country.   |
| Tunis:                  |                       |        |         |   |
| Tunis.....              | June 15-28.....       | 2      | 1       | June 22-28, 1919: Present in surrounding country. June 29-July 12: Present in surrounding country.  |
| Do.....                 | June 29-July 5.....   | 3      | 2       |   |
| Union of South Africa:  |                       |        |         |   |
| Johannesburg.....       | May 1-31.....         | 1      |         |   |
| On vessels:             |                       |        |         |   |
| S. S. Eastern.....      | Apr. 25-26.....       | 2      | 1       | Death at sea. Second case landed at Woodman's Quarantine Station, Fremantle, Australia, Apr. 29. Vessel from England via Egypt and Colombo. |
| S. S. Karoa.....        | Apr. 19.....          | 1      |         | Landed at Colombo. Vessel from the United Kingdom via Egypt and Colombo.  |

# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **SMALLPOX—Continued.**

| Place.                | Date.              | Cases. | Deaths. | Remarks.  |
|-----------------------|--------------------|--------|---------|---|
| On vessels—Continued. |                    |        |         |   |
| S. S. Khyber.....     | Apr. 10-May 4..... | 4      | .....   | From Liverpool, via Port Said, Suez, and Colombo. One case landed at Port Said Apr. 10, 2 cases at Colombo Apr. 22, 1 at quarantine, Fremantle, Australia, May 4, 1919. |
| S. S. War Armour..... |                    | 7      | .....   | En route from Naples to Aden and Colombo. Vessel arrived at Fremantle, Australia, June 22, 1919: Cases landed at Colombo.   |

## **TYPHUS FEVER.**

|                       |                     |       |       |   |
|-----------------------|---------------------|-------|-------|---|
| Algeria:              |                     |       |       |   |
| Algiers.....          | May 1-June 30....   | 82    | 11    |   |
| Do.....               | July 1-31.....      | 3     | ..... |   |
| Austria.....          |                     |       |       | Mar. 23-Apr. 5, 1919: Cases, 118.   |
| Vienna.....           | Mar. 23-Apr. 5....  | 9     | ..... |   |
| Brazil:               |                     |       |       |   |
| Rio de Janeiro.....   | May 4-June 21....   | 3     | ..... | Mar. 30-Apr. 5, 1919: Cases, 2.   |
| Do.....               | July 6-12.....      | 1     | ..... |   |
| China:                |                     |       |       |   |
| Changsha.....         | May 11-17.....      | 1     | 1     |   |
| Antune.....           | July 6-30.....      | 2     | ..... |   |
| Chosen (Korea):       |                     |       |       |   |
| Chemulpo.....         | Apr. 1-June 30....  | 85    | 10    |   |
| Do.....               | July 1-31.....      | 1     | ..... |   |
| Fusan.....            | May 1-June 30....   | 5     | 2     |   |
| Do.....               | July 1-31.....      | 1     | ..... |   |
| Seoul.....            | Apr. 1-June 30....  | 147   | 28    |   |
| Do.....               | July 1-31.....      | 1     | ..... |   |
| Colombia:             |                     |       |       |   |
| Barranquilla.....     | July 12-19.....     |       | 1     |   |
| Czecho-Slovakia:      |                     |       |       |   |
| Prague.....           | May 18-24.....      | 1     | ..... |   |
| Egypt:                |                     |       |       |   |
| Alexandria.....       | May 14-June 29....  | 474   | 248   |   |
| Do.....               | June 28-Aug. 19.... | 410   | 138   |   |
| Cairo.....            | Jan. 2-June 17....  | 2,505 | 1,307 |   |
| Port Said.....        | Jan. 9-June 10....  | 11    | 7     |   |
| Finland.....          |                     |       |       | Apr. 16-June 30, 1919: Cases, 25.   |
| Provinces:            |                     |       |       |   |
| Abo Och Bjorneborg... | May 15.....         | 1     | ..... |   |
| Nyland.....           | Apr. 16-May 31....  | 4     | ..... |   |
| St. Michael.....      | Apr. 16-June 30.... | 15    | ..... |   |
| Viborg.....           | Apr. 16-June 14.... | 3     | ..... |   |
| Germany.....          | Jan. 12-Feb. 22.... | 344   | ..... | Military.   |
| Do.....               | Feb. 22-Mar. 22.... | 220   | ..... | Civil.  |
| Do.....               | Mar. 23-Apr. 12.... | 333   | ..... | Civil, military, prisoners of war, deserters.   |
| Do.....               | Apr. 13-26.....     | 62    | ..... | 55 cases among German troops and among prisoners of war.  |
| Do.....               | Apr. 27-May 17....  | 126   | ..... | Of these, 90 among Polish workmen and Russians; during same period, 105 cases among German troops and prisoners of war. In addition, Apr. 1-26, 41 cases were notified among Polish workmen and refugees. |
| Great Britain:        |                     |       |       |   |
| Glasgow.....          | June 8-July 5....   | 13    | 2     |   |
| Dublin.....           | Aug. 17-30.....     | 3     | ..... | June 15-21, 1919: One case.   |
| Dun lee.....          | June 3-July 5....   | 3     | ..... |   |
| Greece:               |                     |       |       |   |
| Saleniki.....         | May 15-June 14....  |       | 5     |   |
| Do.....               | July 6-12.....      |       | 3     |   |
| Hungary.....          |                     |       |       | Feb. 24-May 9, 1919: Cases, 258.  |
| Bu lapest.....        | Feb. 24-May 9....   | 124   | 6     |   |
| Debreezin.....        | do.....             | 42    | ..... |   |

# CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from June 28 to Oct. 3, 1919—Continued.

## TYPHUS FEVER—Continued.

| Place.               | Date.                 | Cases. | Deaths. | Remarks.   |
|----------------------|-----------------------|--------|---------|--|
| Italy.....           |                       |        |         | Apr. 28-June 8, 1919: Cases, 3,470—Austrian prisoners, 3,321; Italian soldiers, 82; civil population, 67.  |
| Do.....              |                       |        |         | June 9-15, 1919: Present in 14 Provinces, with 761 cases, viz, Austrian prisoners, 631; Italian soldiers, 23; Rumanian soldiers, 97; civil population, 10. |
| Do.....              |                       |        |         | June 16-22, 1919: Present in 12 Provinces, with 127 cases, viz, Austrian prisoners, 102; Italian soldiers, 8; civil population, 12; Rumanian soldiers, 5.  |
| Do.....              |                       |        |         | June 23-29, 1919: Present in 14 Provinces, with 117 cases, viz, Austrian prisoners, 107; Italian soldiers, 3; civil population, 7.                         |
| Do.....              |                       |        |         | July 6-13, 1919: Cases, 11, occurring in 7 Provinces—7 prisoners of war, 5 civilians, 2 Italian soldiers.  |
| Do.....              |                       |        |         | July 21-27, 1919: Cases, 5, occurring in 4 Provinces: 1 Austrian prisoner; 4 civil population.   |
| Genoa.....           | June 25-July 1.....   | 91     |         |  |
| Naples.....          | May 12-June 22.....   | 50     | 16      |  |
| Do.....              | June 30-Aug. 10.....  | 17     | 4       |  |
| Palermo.....         | July 21-27.....       | 2      |         |  |
| Venice.....          | Apr. 27-June 14.....  | 58     | 9       |  |
| Do.....              | June 30-Aug. 31.....  | 16     | 2       |  |
| Trieste.....         | June 6-12.....        | 1      |         |  |
| Japan:               |                       |        |         |  |
| Nagasaki.....        | June 16-July 1.....   | 3      |         |  |
| Do.....              | July 14-Aug. 31.....  | 7      | 4       |  |
| Mesopotamia:         |                       |        |         |  |
| Bagdad.....          | Apr. 19-June 6.....   | 34     | 22      |  |
| Mexico:              |                       |        |         |  |
| Guadalajara.....     | May 1-31.....         | 1      |         |  |
| Mexico City.....     | May 4-June 28.....    | 216    |         |  |
| Do.....              | June 29-Aug. 23.....  | 183    |         |  |
| San Luis Potosi..... | July 27-Sept. 13..... |        |         | Present and in surrounding country.  |
| Newfoundland:        |                       |        |         |  |
| St. Johns.....       | June 21-27.....       | 1      |         | From vessel.   |
| Palestine:           |                       |        |         |  |
| Jaffa.....           |                       |        |         | Oct. 22-Dec. 22, 1918: Cases, 8; deaths, 3.  |
| Portugal:            |                       |        |         |  |
| Lisbon.....          | June 22-28.....       | 1      |         |  |
| Do.....              | July 26-Aug. 23.....  | 13     | 2       |  |
| Oporto.....          | June 1-15.....        | 52     |         |  |
| Do.....              | June 30-Aug. 30.....  | 92     | 42      |  |
| Russia:              |                       |        |         |  |
| Archangel.....       | May 15-June 1.....    | 9      | 2       |  |
| Riga.....            | May 1-June 30.....    | 2,826  |         |  |
| Siberia:             |                       |        |         |  |
| Vladivostok.....     | June 9-30.....        | 104    | 9       |  |
| Do.....              | July 1-15.....        | 29     | 5       |  |
| Spain:               |                       |        |         |  |
| Barcelona.....       | May 15-21.....        |        | 1       |  |
| Madrid.....          | May 1-31.....         |        | 1       |  |
| Sumatra:             |                       |        |         |  |
| Medan.....           | June 26-July 26.....  | 2      |         |  |
| Syria:               |                       |        |         |  |
| Mersina.....         | Feb. 13-19.....       |        |         | Present.   |
| Smyrna.....          | Sept. 20.....         |        |         |  |
| Tunis:               |                       |        |         |  |
| Tunis.....           | May 24-June 21.....   | 3      | 1       |  |
| Do.....              | July 20-Aug. 29.....  | 2      | 2       |  |



# **CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.**

**Reports Received from June 28 to Oct. 3, 1919—Continued.**

## **YELLOW FEVER.**

| Place.               | Date.               | Cases. | Deaths. | Remarks.  |
|----------------------|---------------------|--------|---------|---|
| Brazil:              |                     |        |         |   |
| Bahia.....           | Apr. 12-June 14...  | 48     | 15      | Jan. 12-May 17, 1919: Cases, 43; deaths, 25. July 29, 1919, reported seriously prevalent in States of Bahia and Pernambuco. |
| Canal Zone.....      | Aug. 10-12.....     | 1      | 1       | Patient at Corinto, Nicaragua, at quarantine from S. S. Salvador.   |
| Ecuador:             |                     |        |         |   |
| Guayaquil.....       | May 1-31.....       | 1      | 1       | July 31, 1919: at Leon, Nicaragua,  |
| Naranjito.....       | May 1-June 15.....  | 2      | 1       | Aug. 2, 1919. Embarked Aug. 6 at Corinto.   |
| Honduras:            |                     |        |         |   |
| Amapala.....         | Aug. 28.....        | 1      |         |   |
| Mexico:              |                     |        |         |   |
| Merida.....          | June 30-Sept. 12... | 20     | 7       | State of Yucatan.   |
| Nicaragua:           |                     |        |         |   |
| Leon.....            | Sept. 1.....        |        |         | Present, and in vicinity.   |
| Peru:                |                     |        |         |   |
| Department of Piura— |                     |        |         |   |
| Paita.....           | July 10-22.....     | 8      | 5       | June 1-Aug. 12, 1919: Cases, 10; deaths, 6.   |
| Piura.....           | .....do.....        | 46     | 10      | June 1-Aug. 12, 1919: Cases, 90; deaths, 20.  |
| Salvador:            |                     |        |         |   |
| La Union.....        | July 6.....         | 2      |         |   |
| St. Miguel.....      | June 24-July 6..... | 4      |         |   |
| San Salvador.....    | .....do.....        | 1      | 1       | 75 miles from city of San Salvador.   |